Panasonic Telephone Systems

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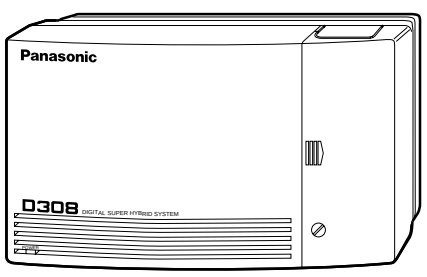
Digital Super Hybrid System
Panasonic KX-TD308

USER MANUAL

Please read this manual before using the Digital Super Hybrid System.

MODEL

KX-TD308



Thank you for purchasing this Panasonic Telephone System.

System Components

	Model No.	Description
Service Unit	KX-TD308	Digital Super Hybrid System (Main Unit)
Telephone	KX-T7420	Digital Proprietary Telephone
	KX-T7425	Digital Proprietary Telephone
	KX-T7431	Digital Proprietary Telephone with 1-line Display
	KX-T7433	Digital Proprietary Telephone with 3-line Display
	KX-T7436	Digital Proprietary Telephone with 6-line Display
	KX-T7220	Digital Proprietary Telephone
	KX-T7230	Digital Proprietary Telephone with 2-line Display
	KX-T7235	Digital Proprietary Telephone with 6-line Display
	KX-T7250	Digital Proprietary Telephone
User-supplied Equipment	Standard Telephones	

For your future reference

SERIAL NO. _____ DATE OF PURCHASE _____
(found on the bottom of the unit)

NAME OF DEALER _____

DEALER'S ADDRESS _____

Cautions

When using the KX-T7200/KX-T7400 series, keep the following conditions in mind:

- If there is any trouble, unplug the extension line and connect a known working phone. If the known working phone operates properly, have the defective phone repaired by a specified Panasonic Factory Service Center. If the known working phone does not operate properly, check the Digital Super Hybrid System and the internal extension wiring.
- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps and motors.
- The unit should be kept free of dust, moisture and vibration, and should not be exposed to direct sunlight.
- Do not use benzine, thinner, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.
- Do not use any handset other than a Panasonic handset.

When you ship the product

Carefully pack and send it prepaid, adequately insured and preferably in the original carton. Attach a postage-paid letter, detailing the symptom, to the outside of the carton. DO NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.

Product service

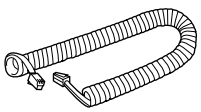
Panasonic Servicenters for this product are listed in the servicenter directory. Consult with your authorized Panasonic dealer for detailed instructions.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

Accessory Order Information

- Replacement parts and accessories are available through your local authorized parts distributor.
- For ordering accessories, call toll free: 1-800-332-5368.

Part No.	Picture	Description	Comment
KX-J07W/B **KX-J15W/B** **KX-J25W/B**		Handset cord	7feet 15feet 25feet

W: White
B : Black

Introduction

Who Should Use This Manual

This manual is designed for users of Digital Super Hybrid Systems, model numbers KX-TD308. It is to be used after the system is installed and System Programming is completed. The focus is Digital Proprietary Telephones (DPTs); KX-T7420/ KX-T7425/KX-T7431/KX-T7433/KX-T7436/KX-T7220/KX-T7230/KX-T7235/ KX-T7250, Standard Telephones and their features. The step-by-step procedures required to activate each feature are discussed in detail. Illustrations of the KX-TD308 system and the required System Programming are provided under separate cover in the Installation Manual.

How to Use This Manual

This manual consists of the following sections:

(Section 1) DPT Overview

Provides configuration information on DPTs. It provides an illustration of each telephone, identifies their feature buttons, supplies background information on these feature buttons, and provides initial settings.

(Section 2) Station Programming (Personal Programming)

Provides the steps required to assign features to DPT flexible buttons and to the DPT system.

(Section 3) User Programming (Manager Programming)

Provides the steps required to assign some features to the system.

(Section 4) DPT Features

Provides background information on the DPT features and lists the steps required to activate each feature.

(Section 5) Standard Telephone Features

Provides background information on the standard telephone features and lists the steps required to activate each feature.

(Section 6) Quick Reference

Simply describes operating instructions for the features within the system.

(Section 7) Appendix

Provides Display Examples, a Feature Number List, Tone List, and other information.

Features and Capabilities

KX-TD308 is sophisticated and powerful system that satisfies just what you expect of an office communications system. Some of the remarkable features are listed below.

- **Automatic Callback Busy (Camp-On)** informs you when the selected outside line or the called party becomes idle.
- **Call Log, Incoming (— Option)** allows you to confirm the incoming outside call information on the display. You can also call back the caller by selecting one of the memorized numbers. This feature is available only for the KX-T7433, KX-T7436, KX-T7230 and KX-T7235.
- **Call Log, Outgoing** redials by selecting one of the last five outside calls you made, according to the number information on the display. This feature is available only for the KX-T7436 and KX-T7235.
- **Data Line Security** prohibits various tones, such as call waiting tone or hold recall tone, from sounding at the extension in the data communication mode. It also blocks overriding by other extensions, such as Executive Busy Override.
- **Doorphone and Door Opener (— Option)** enables the conversation between you and a visitor at door. You can also unlock the door a few seconds from your phone.
- **Executive Busy Override** allows you to enter into an existing conversation at an extension/outside line.
- **Message Waiting** allows you to leave a message notification for another extension. The message waiting lamp (MESSAGE indicator) gives a visual indication that a message notification has been received. Even if the MESSAGE button is not provided or assigned, a special dial tone after going off-hook indicates that a message notification has been received.
- **Paralleled Telephone Connection** allows you to connect your DPT in parallel with a standard telephone. Each telephone can have the same extension number so that you can use either telephone. If the eXtra Device Port (XDP) feature is available through System Programming, each telephone can be connected to the same extension jack but have different extension numbers so that they can act as completely different extensions.
- **System Feature Access Menu** allows you to access various features easily by following the display on the LCD and pressing corresponding buttons. This feature is available only for the KX-T7431, KX-T7433, KX-T7436, KX-T7230 and KX-T7235.
- **Voice Mail Integration (— Option)** enables forwarding any incoming call to Voice Mail. Recording or Playing back the message(s) is also available. To use Voice Mail services, installing a Voice Processing System (VPS) is required.

Terms used in the Descriptions

Feature Numbers

A feature number is an access code for various functions when programming or executing features using proprietary or standard telephones connected to the system. You can access available features by dialing the corresponding feature number (and additional parameter, if required).
There are two types of feature numbers as follows:

- Flexible feature number
- Fixed feature number

While fixed feature numbers cannot be changed, flexible feature numbers can be changed. Refer to the Installation Manual for details. In this manual, the default numbers are used to describe each operation and illustration. Use the new programmed number if you have changed a flexible feature number. The lists of fixed numbers and default flexible feature numbers are shown in the Appendix (Section 7).

If you use a dial pulse (DP) type standard telephone;
It is not possible to access features that have "✳" or "#" in their feature numbers.

Illustrations

All illustrations of DPTs used in the operating instructions are the KX-T7235.

Tones

Various tone types, such as Confirmation tone, Dial tone, Call Waiting tone, etc. are explained in the Appendix (Section 7).

Displays

The display examples are in each operation step, if required. The display information list is in the Appendix for your convenience.

Programming References

The related and required programming titles are noted for your reference.
System Programming should be done by the extension which is connected to Jack number 1 or the System Manager. A KX-T7431, KX-T7433, KX-T7436, KX-T7230 and KX-T7235 can be used for this programming. Station Programming is individual programming at your own proprietary telephone (PT). You can customize the extension to your needs using any type of proprietary telephone.

Feature References

The related feature titles are noted for your reference.

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<Note>
All illustrations used in the initial setting are based on the model KX-T7235.

1.1 Configuration

Panasonic Digital Proprietary Telephones (DPT) are available to utilize various features of the KX-TD308 System, in addition to supporting basic telephone services (making and receiving calls).

There are nine DPT models.

■ KX-T7400 Series

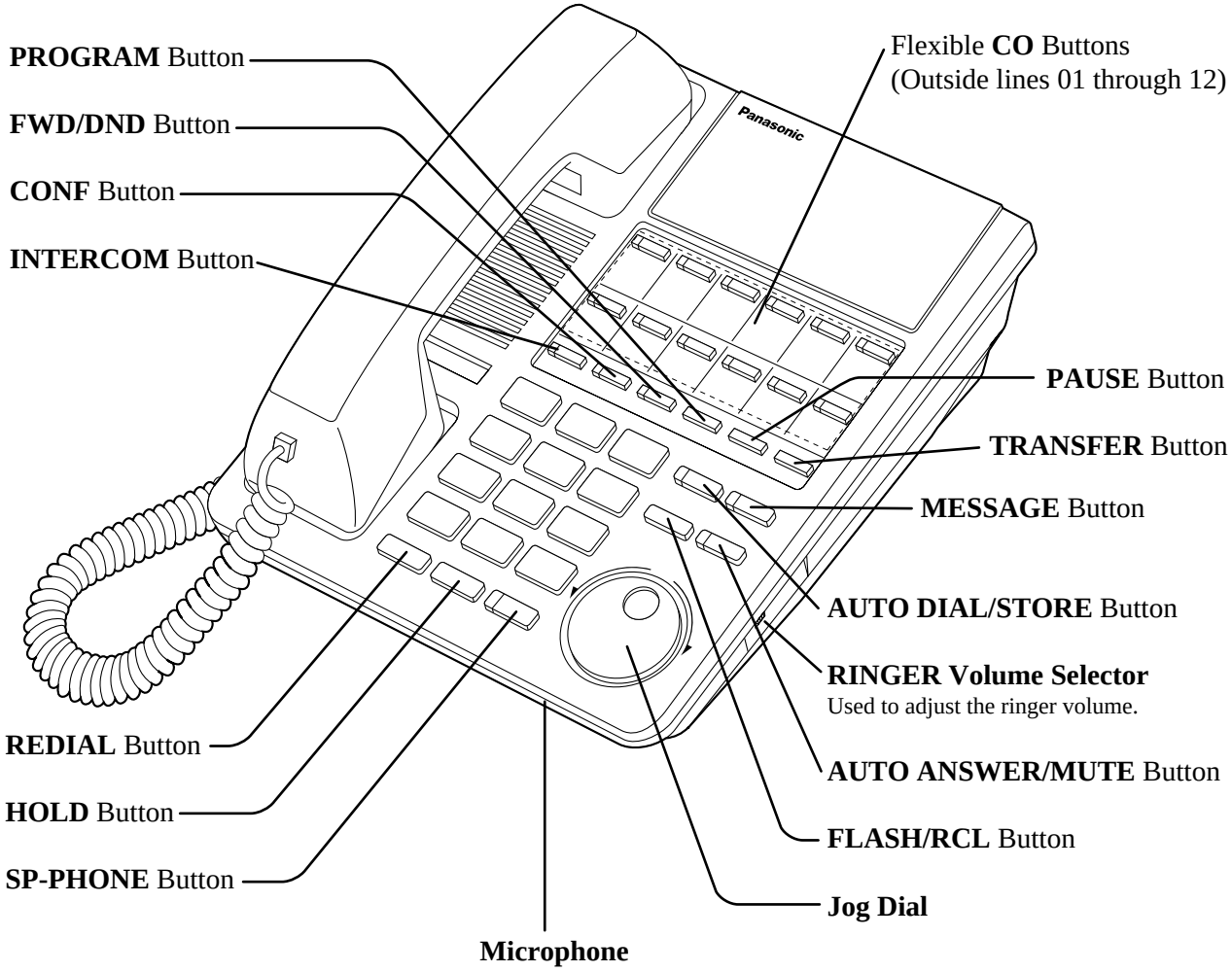
	KX-T7420	KX-T7425	KX-T7431	KX-T7433	KX-T7436
Display	None	None	16 char./line, 1-line LCD	Tilt-up, 16 char./line, 3-line LCD	Tilt-up, 24 char./line, 6-line LCD
Soft Buttons and Function Buttons	None	None	None	3 Soft Buttons	3 Soft Buttons/ 10 Function Buttons
Jog Dial	Yes	Yes	Yes	Yes	Yes
CO Buttons	12	24	12	24	24
Fixed Feature Buttons	Refer to the “Fixed Buttons” in this section.				

■ KX-T7200 Series

	KX-T7220	KX-T7230	KX-T7235	KX-T7250
Display	None	16 char./line, 2-line LCD	Tilt-up, 24 char./line, 6-line LCD	None
Soft Buttons and Function Buttons	None	3 Soft Buttons	3 Soft Buttons/ 10 Function Buttons	None
Speakerphone	Yes	Yes	Yes	Monitor only
CO Buttons	24	24	12	6
Fixed Feature Buttons	Refer to the “Fixed Buttons” in this section.			

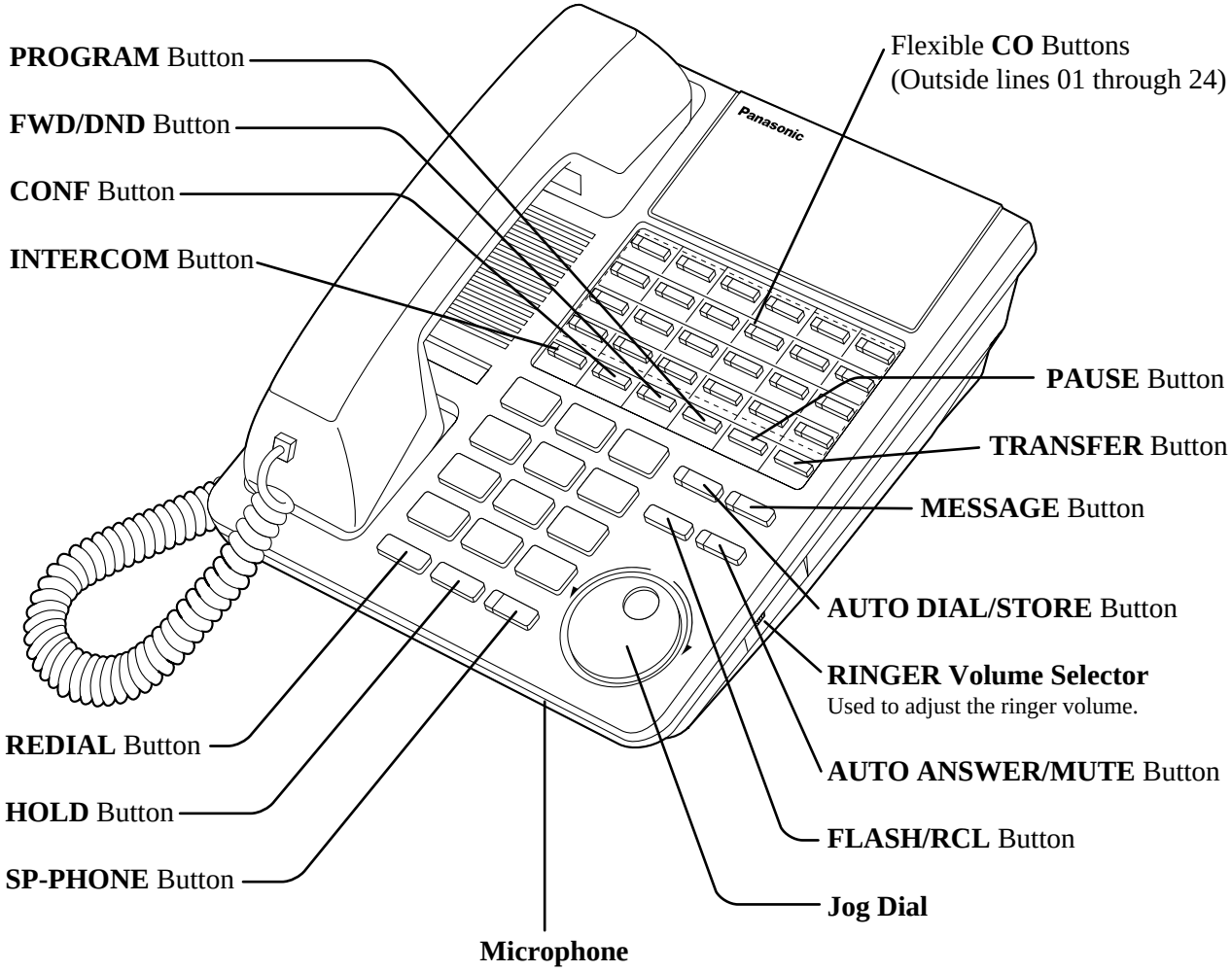
Location of Controls

■ **KX-T7420**



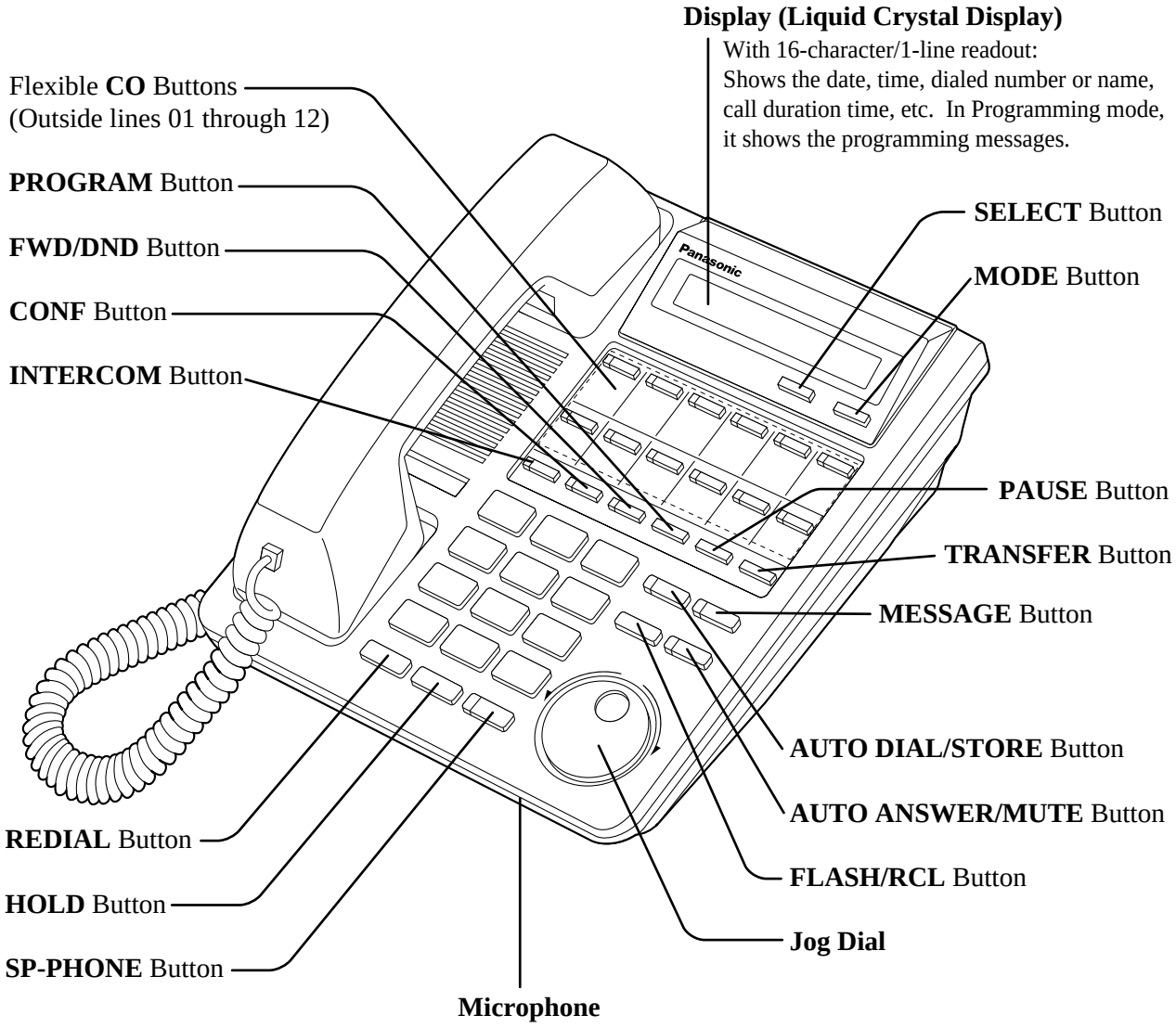
1.1 Configuration

■ **KX-T7425**



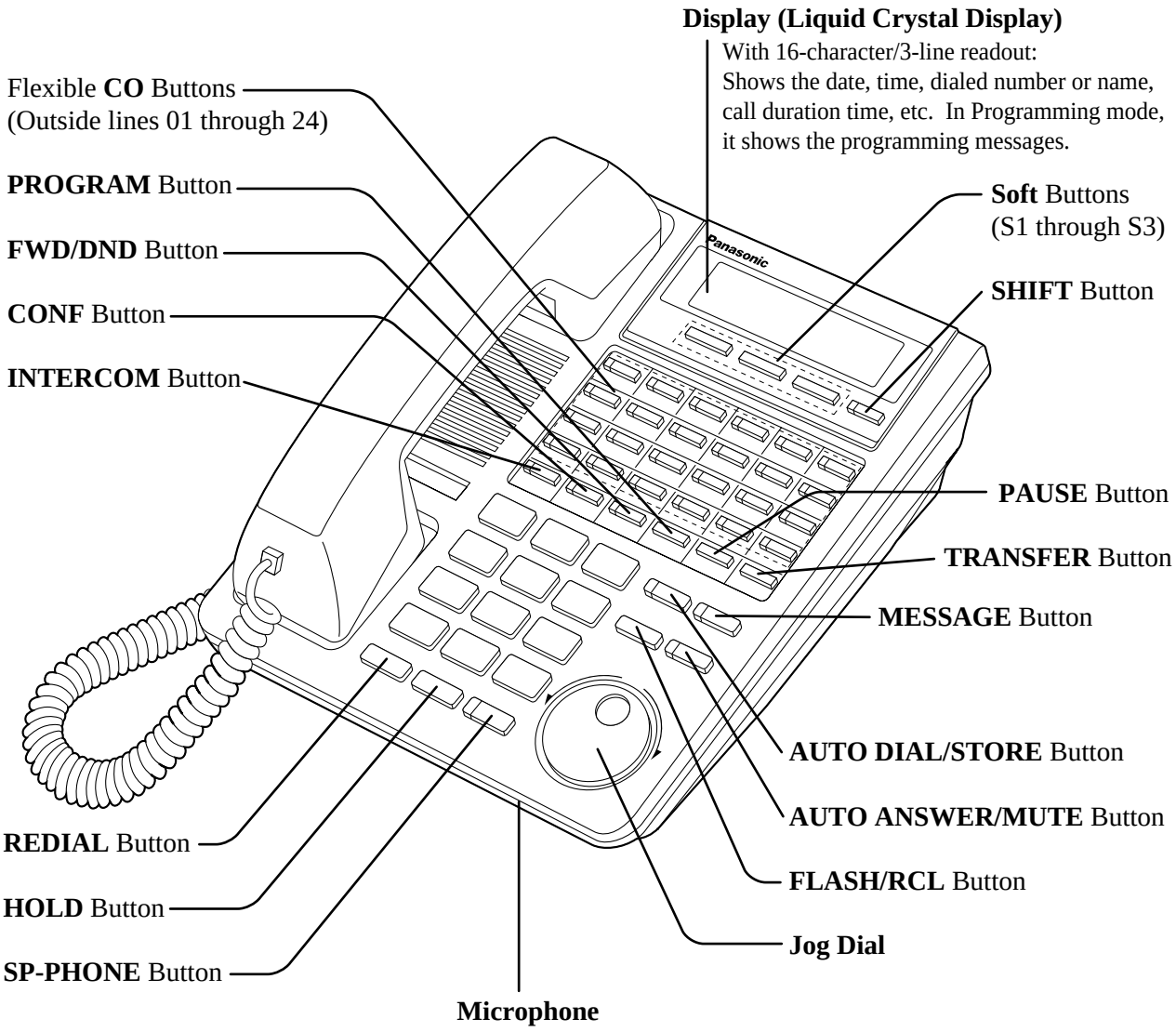
1.1 Configuration

■ **KX-T7431**



1.1 Configuration

■ **KX-T7433**



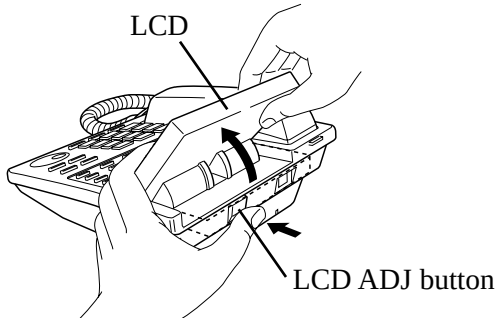
To lift or set down the display:

– To lift the display

1 Press the LCD ADJ button.
2 Lift up the display.

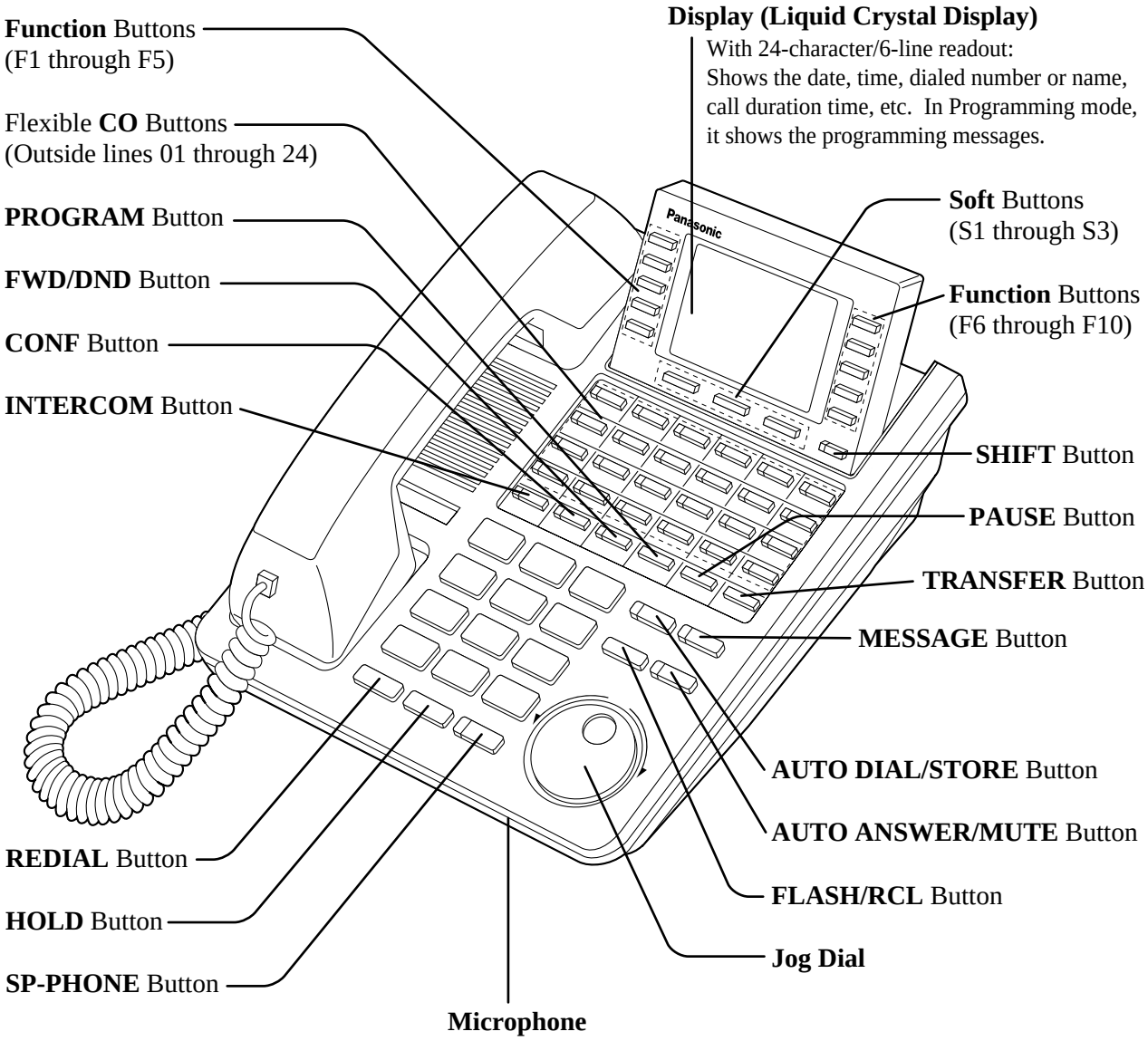
– To set down the display

1 Press the LCD ADJ button.
2 Press down the display.



1.1 Configuration

■ **KX-T7436**



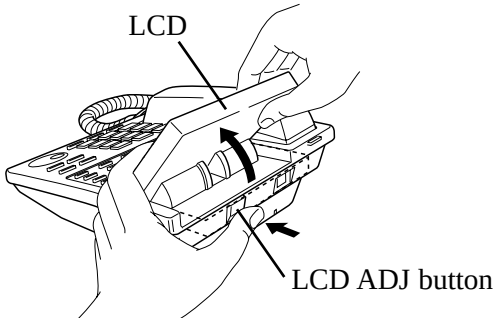
To lift or set down the display:

– To lift the display

1 Press the LCD ADJ button.
2 Lift up the display.

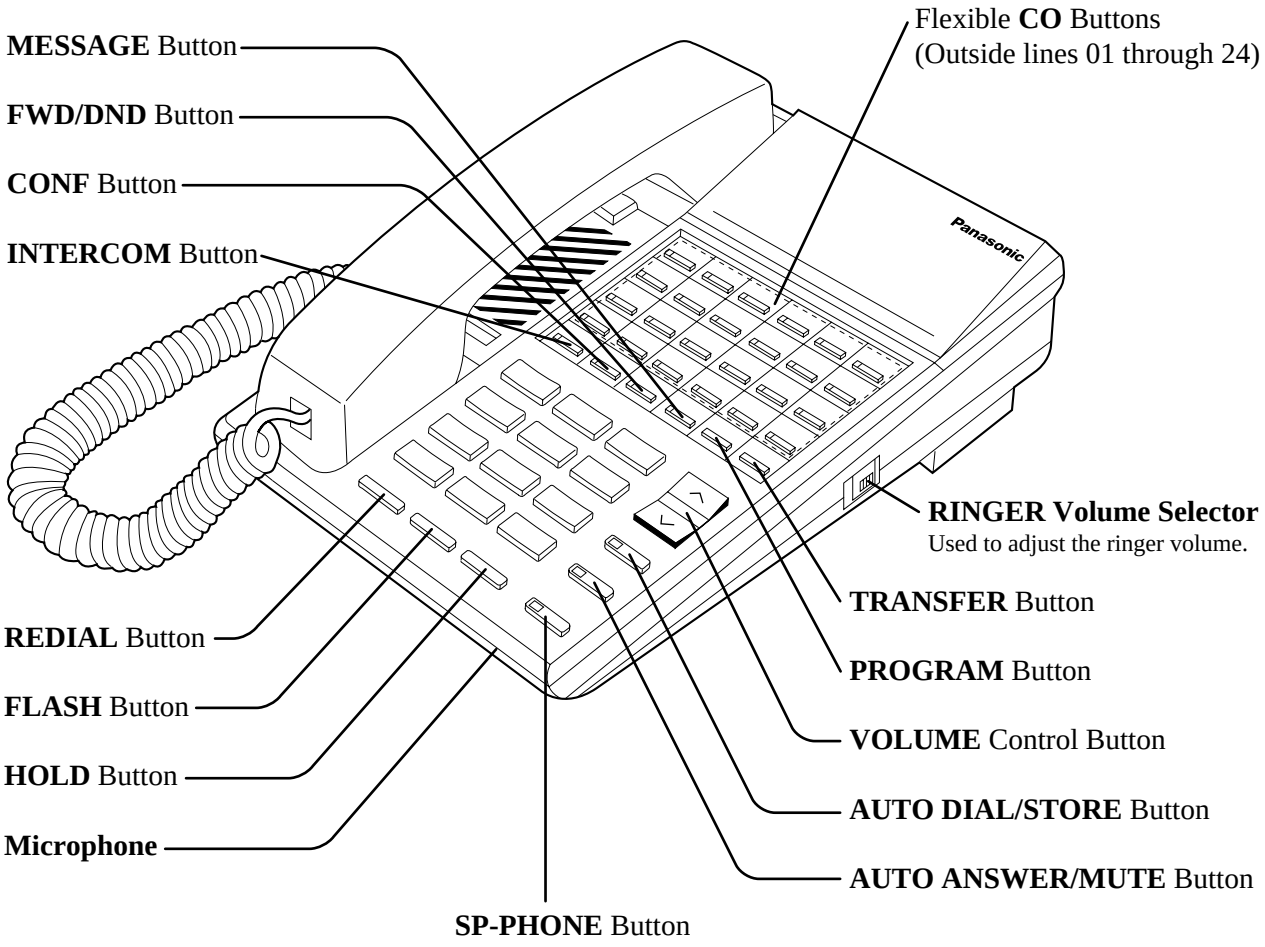
– To set down the display

1 Press the LCD ADJ button.
2 Press down the display.



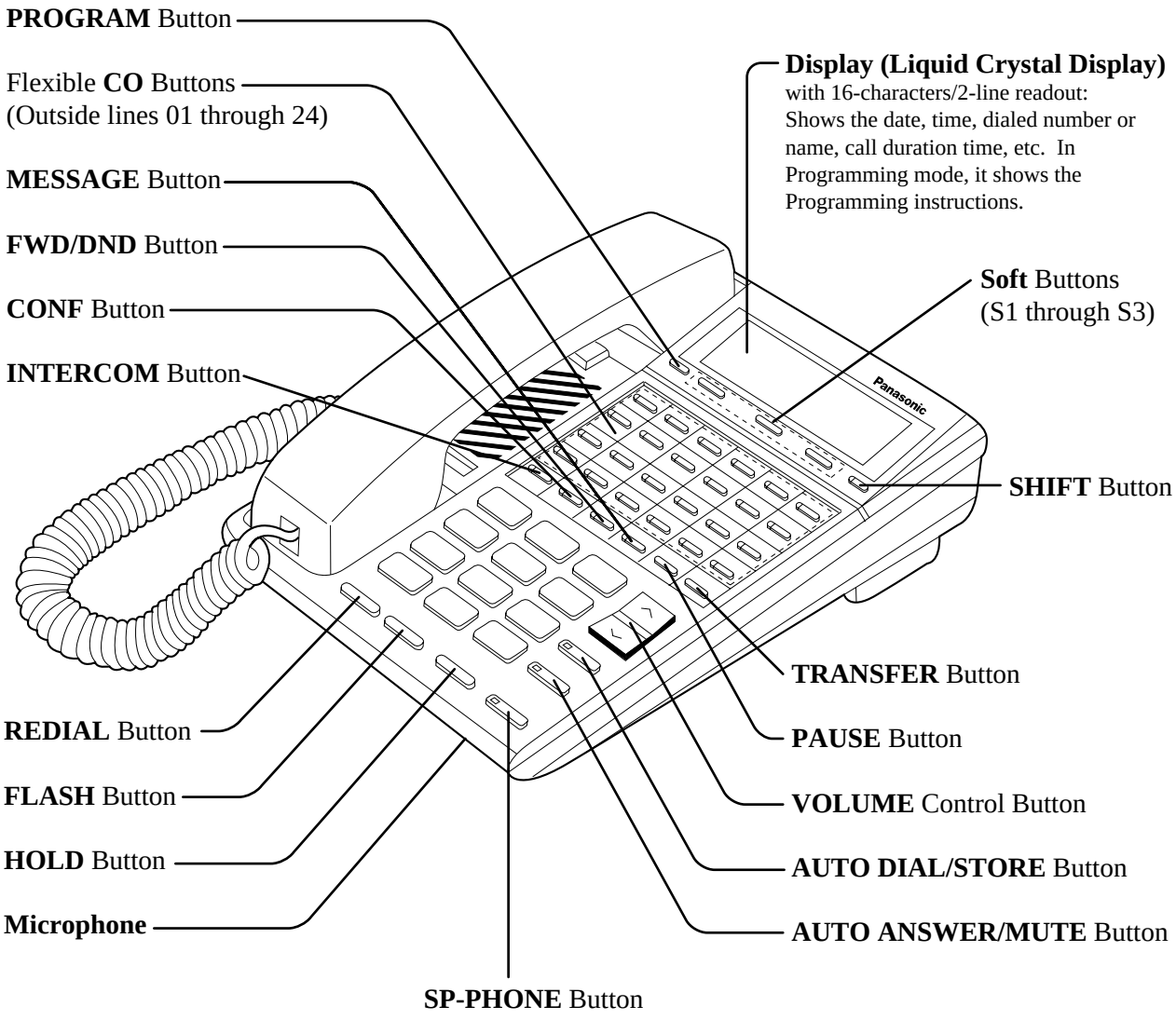
1.1 Configuration

■ **KX-T7220**



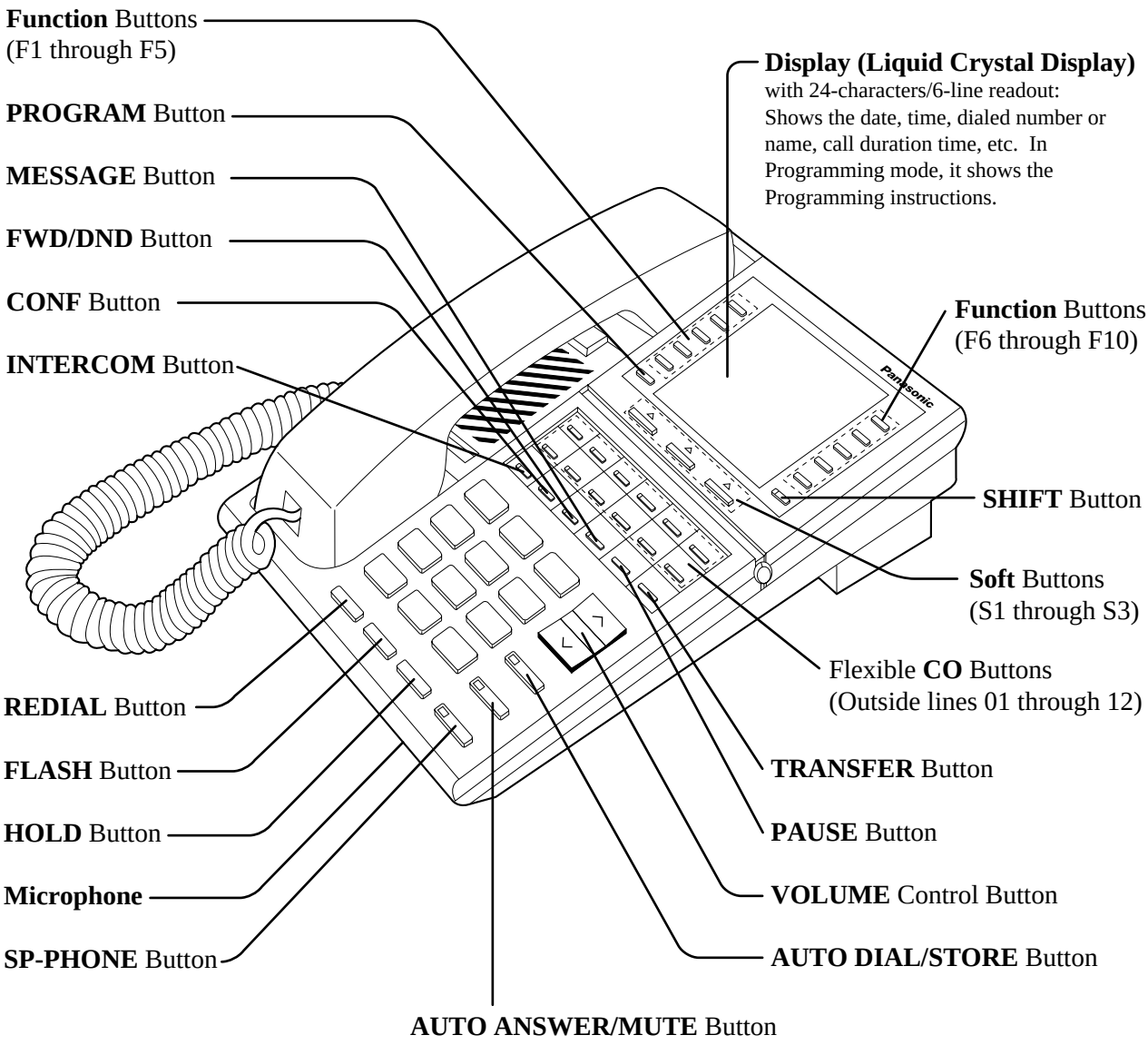
1.1 Configuration

■ **KX-T7230**



1.1 Configuration

■ **KX-T7235**



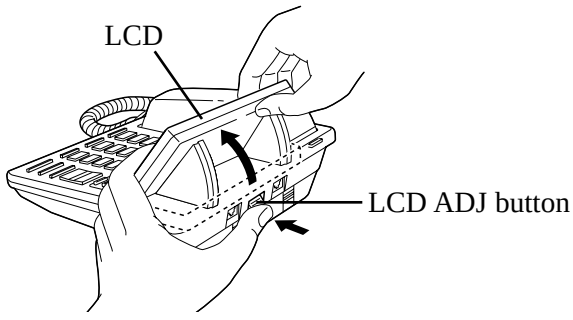
To lift or set down the display:

– To lift the display

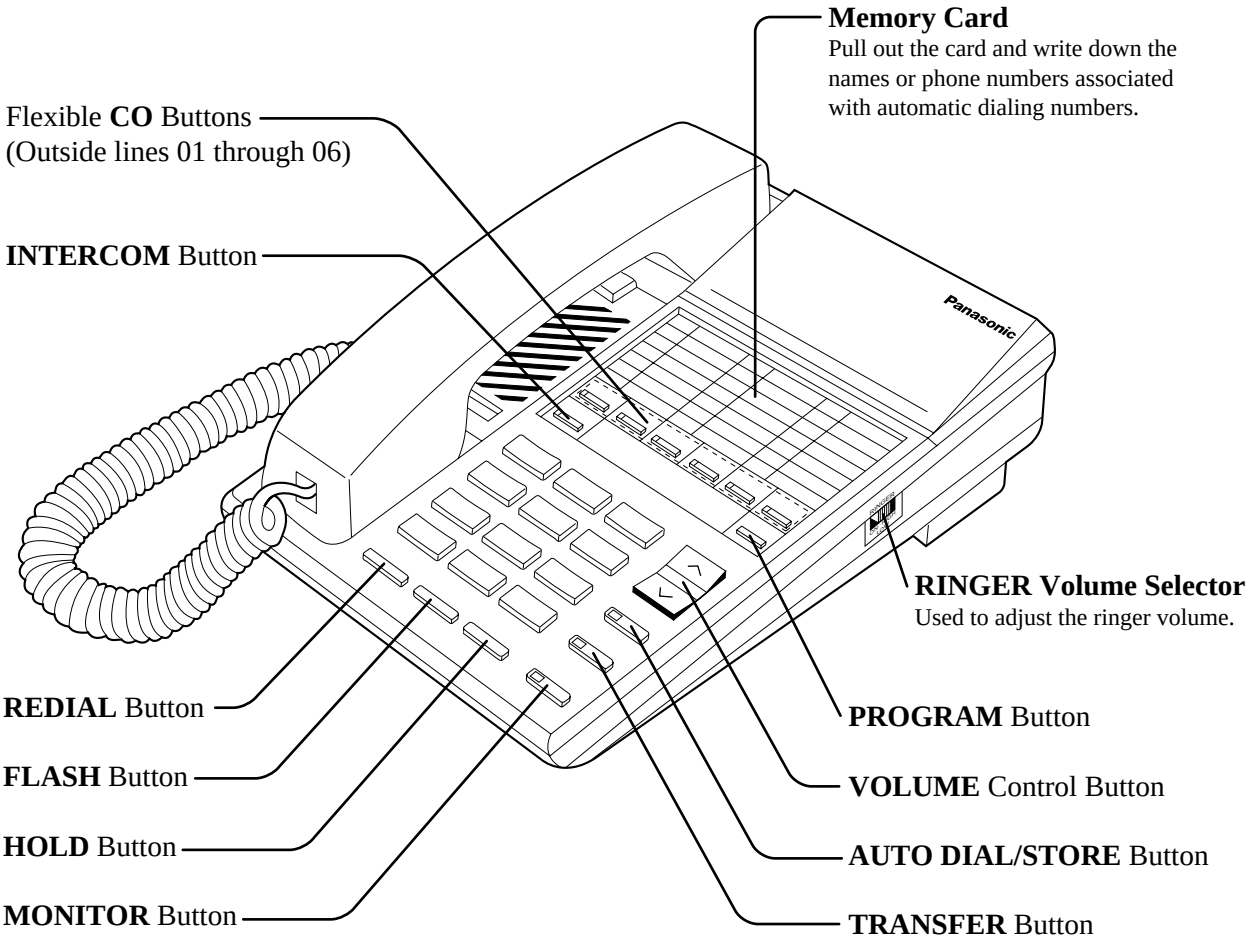
1 Press the LCD ADJ button.
2 Lift up the display.

– To set down the display

1 Press the LCD ADJ button.
2 Press down the display.



■ **KX-T7250**


Memory Card
Pull out the card and write down the names or phone numbers associated with automatic dialing numbers.
Flexible **CO** Buttons (Outside lines 01 through 06)
INTERCOM Button
Panasonic
RINGER Volume Selector
Used to adjust the ringer volume.
REDIAL Button
FLASH Button
HOLD Button
MONITOR Button
PROGRAM Button
VOLUME Control Button
AUTO DIAL/STORE Button
TRANSFER Button

Feature Buttons

Digital proprietary telephones (DPTs) have the following types of Feature Buttons:

- **Fixed Buttons**
- **Flexible Buttons**

Fixed Buttons

Fixed buttons have specific functions permanently assigned to them. These default function assignments cannot be changed. The following table lists the fixed buttons located on each DPT model.

Feature Button	T7420	T7425	T7431	T7433	T7436	T7220	T7230	T7235	T7250
AUTO ANSWER/MUTE	✔	✔	✔	✔	✔	✔	✔	✔	
AUTO DIAL/STORE	✔	✔	✔	✔	✔	✔	✔	✔	✔
CONF	✔	✔	✔	✔	✔	✔	✔	✔	
FLASH						✔	✔	✔	✔
FLASH/RCL	✔	✔	✔	✔	✔				
Function buttons					✔			✔	
FWD/DND	✔	✔	✔	✔	✔	✔	✔	✔	
HOLD	✔	✔	✔	✔	✔	✔	✔	✔	✔
INTERCOM	✔	✔	✔	✔	✔	✔	✔	✔	✔
Jog Dial	✔	✔	✔	✔	✔				
MESSAGE	✔	✔	✔	✔	✔	✔	✔	✔	
MODE			✔						
MONITOR									✔
PAUSE	✔	✔	✔	✔	✔		✔	✔	
PROGRAM	✔	✔	✔	✔	✔	✔	✔	✔	✔
REDIAL	✔	✔	✔	✔	✔	✔	✔	✔	✔
SELECT			✔						
SHIFT				✔	✔		✔	✔	
Soft buttons				✔	✔		✔	✔	
SP-PHONE	✔	✔	✔	✔	✔	✔	✔	✔	
TRANSFER	✔	✔	✔	✔	✔	✔	✔	✔	✔
VOLUME						✔	✔	✔	✔

"✔" indicates the button is available.

Usage

AUTO ANSWER/MUTE Button

Used for extension auto answer; or it turns the microphone off during a conversation.

AUTO DIAL/STORE Button

Used for System Speed Dialing or storing program changes.

CONF (Conference) Button

Used to establish a three-party conference.

FLASH Button / FLASH/RCL Button

Sends an External Feature Access signal to the central office or host PBX to access their system features. If a PBX is not being used, this button can be used to disconnect the current call and start another call without hanging up.

Function (F1 through F10) Buttons

Used to perform the corresponding displayed function or operation.

FWD/DND (Call Forwarding/Do Not Disturb) Button

Used to program the Call Forwarding feature or set the Do Not Disturb (DND) feature.

HOLD Button

Used to place a call on hold.

INTERCOM Button

Used to make or receive extension calls.

Jog Dial

Used to adjust the volume of the handset receiver, headset, ringer and speaker. It also adjusts the display contrast. Refer to “Initial Setting for KX-T7400 Series” in this section.

For KX-T7431, KX-T7433 and KX-T7436 users, it is also used to select data from the Call Directory and the System Feature Access Menu.

MESSAGE Button

Used to leave a notification to a busy extension or call back the message notification sender.

MODE Button

Used to shift the display in order to access various features.

MONITOR Button

Used for a handsfree dialing operation.

PAUSE Button

Inserts a pause in speed dial numbers or in one-touch dial numbers.

PROGRAM Button

Used to enter and exit the Programming mode.
With the KX-T7220 and KX-T7250, it can also be used as the PAUSE button.

REDIAL Button

Used for Last Number Redial.

SELECT Button

Used to select the displayed function or to call the displayed phone number.

SHIFT Button

Used to access the second and third level of Soft Button functions.

Soft (S1 through S3) Buttons

Used to perform the function or operation that appears on the bottom line of the display.

SP-PHONE (Speakerphone) Button

Used for a handsfree speakerphone operation.

TRANSFER Button

Transfers a call to another extension or external destination.

VOLUME Control Button

Used to adjust the volume of the handset receiver, headset, ringer and speaker; it also adjusts the display contrast. Refer to “Initial Setting for KX-T7200 Series” (Section 1.1/Configuration).

Flexible CO Buttons

Flexible CO Buttons do not have specific features permanently assigned to them. Features are assigned to Flexible CO Buttons through System or Station Programming. “Flexible CO Button Assignment” is addressed in Station Programming (Section 2).

The following features that can be assigned to the Flexible CO Buttons:

- Account
- Conference (CONF)
- DSS
- FWD/DND
- Live Call Screening (LCS)†
- Live Call Screening (LCS) Cancel†
- Log-In/Log-Out
- Loop-CO (L-CO)
- Message Waiting (MESSAGE)
- One-Touch Dialing
- Phantom Extension
- SAVE
- Single-CO (S-CO)
- Two-Way Record†
- Two-Way Transfer†
- Voice Mail (VM) Transfer

† Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

Line Access Buttons

The following two types of CO buttons must be used to seize an outside line when making a call.

- **Loop-CO (L-CO) button**
- **Single-CO (S-CO) button**

Conditions

- A flexible CO button can be assigned as a Line Access Button (L-CO or S-CO) in either System/Station Programming. Once a flexible CO button is assigned as a Line Access Button, it provides the line status condition by lighting patterns and color indication. Please refer to "LED Indication" in this section.
- Incoming and outgoing calls on the line are shown on the button in the following priority.
  S-CO > L-CO

Loop-CO (L-CO) button

All outside lines can be assigned to a flexible CO button on a proprietary telephone. The assigned button serves as an L-CO button. An incoming call on any outside line arrives at the L-CO button, unless there is S-CO button associated with the line or unless the button is already in use. To make an outside call, you simply press the dedicated L-CO button. Pressing the L-CO button provides the same operation as dialing an automatic line access code.

Programming References

- Station Programming (Section 2)
  Flexible CO Button Assignment — Loop-CO (L-CO) Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

Flexible CO Buttons (Section 1.1/Configuration)
Outward Dialing, Line Access — Line Access, Automatic

Single-CO (S-CO) button

A S-CO button is an outside line access button. This allows you to access a specific line by pressing a S-CO button. An incoming call can be directed to a S-CO button.

Conditions

- Only one S-CO button can be assigned to an outside line.
- It is possible to assign one outside line to a S-CO button and L-CO button.

Programming References

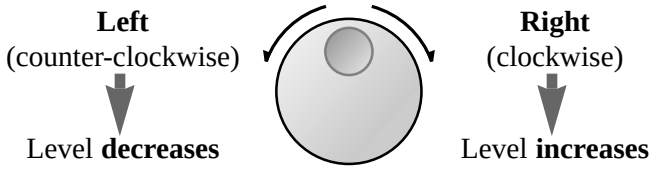
- Station Programming (Section 2)
  Flexible CO Button Assignment — Single-CO (S-CO) Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

Flexible CO Buttons (Section 1.1/Configuration)
Outward Dialing, Line Access — Line Access, Individual

Initial Setting for KX-T7400 Series

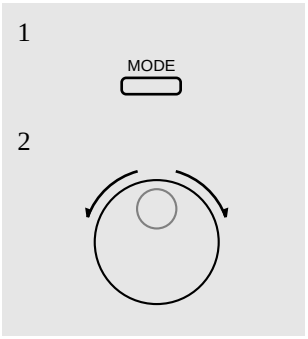
The Jog Dial can be used for the display contrast and the volume control. Rotate the Jog Dial in either direction as desired. The contrast or the volume level will change as follows.



Display Contrast Adjustment

The MODE button and the Jog Dial for KX-T7431 users, and a Soft button and the Jog Dial for KX-T7433 and KX-T7436 users are used to adjust the display contrast. The contrast level is indicated on the display by the number of asterisks.

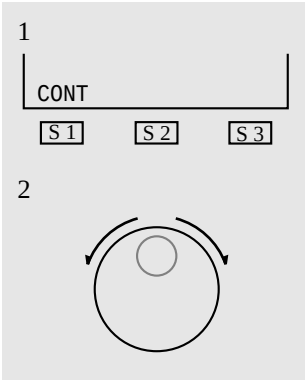
– KX-T7431



While on-hook

1. Press the **MODE** button six times.
   - The display shows:
     <Example>
     `Contrast:***` (— contrast volume level 3)
2. Rotate the **Jog Dial** in the desired direction.

– KX-T7433 and KX-T7436



While on-hook or during a conversation

1. Press the **CONT** (S1) button.
2. Rotate the **Jog Dial** in the desired direction.
   - The display shows:
     <Example>
     `Contrast:***` (— contrast volume level 3)

When using the headset

The Panasonic Digital Super Hybrid System supports the use of a headset with a proprietary telephone (PT). When you use the headset (optional), you should switch the selection mode first. Selection is explained in the "Handset/Headset Selection" in Station Programming (Section 2).

To change to the headset mode

Press: [PROGRAM] [9] [9] [9] [2] [STORE] [PROGRAM].

Changing the ringing tone of a CO button

There are eight ringer frequencies available for each CO (Loop-CO, Single-CO) button. If you wish to change them, refer to the "Ringing Tone Selection for CO Buttons" in Station Programming (Section 2).

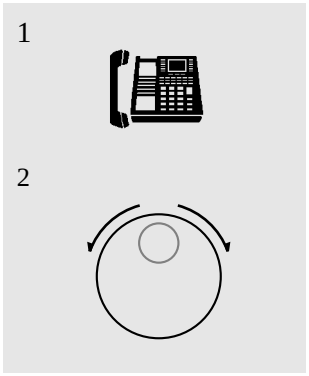
Volume Control — Handset Receiver/Headset/Ringer/Speaker

Allows you to adjust the following volumes as required.

— Handset Receiver volume (levels 1 through 4)
— Headset volume (levels 1 through 4)
— Ringer volume (levels 0 through 3)
— Speaker volume (levels 1 through 12)

If your digital proprietary telephone is provided with a display (display DPT), the volume level is indicated on the display by the number of asterisks. For ringer volume adjustment, three levels (OFF/LOW/HIGH) are available with the KX-T7420 and KX-T7425.

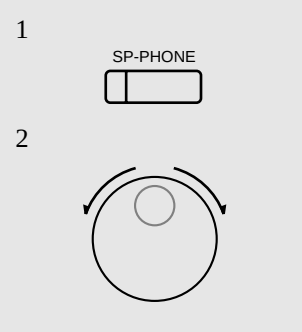
To adjust the handset receiver volume



1. Lift the **handset**.

2. Rotate the **Jog Dial** in the desired direction.
   - The display shows:
     <Example>
     `Handset:***` (— volume level 3)
   - You may also adjust the handset receiver volume during a conversation using the handset receiver.

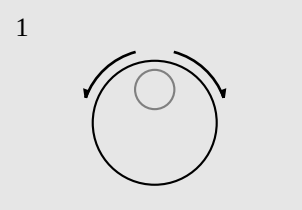
To adjust the headset volume



Be sure the headset is connected.

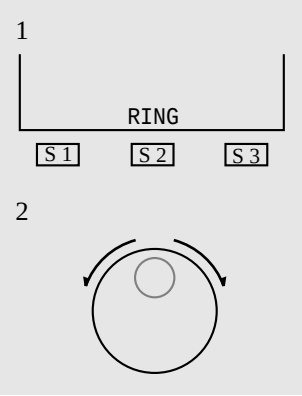
1. Press the **SP-PHONE** button.
2. Rotate the **Jog Dial** in the desired direction.
   - The display shows:
     <Example>
     `Headset:***` (— volume level 3)

To adjust the ringer volume
– KX-T7433 and KX-T7436



While the telephone is ringing

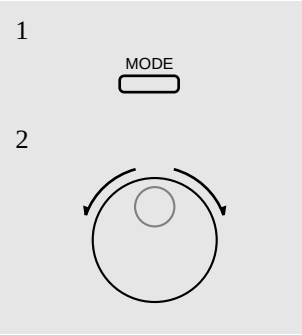
1. Rotate the **Jog Dial** in the desired direction.
   - The display shows:
     <Example>
     `Ringer:***` (— volume level 3)



While the telephone is idle and on-hook

1. Press the **RING** (S2) button.
   - The telephone will ring.
2. Rotate the **Jog Dial** in the desired direction.
   - The telephone will stop ringing in about 4 seconds.
   - When the volume level is 0 (no “*” indication), the display shows “RNGOFF”.

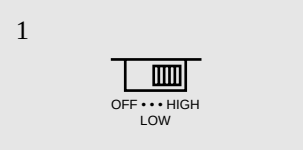
– KX-T7431



While the telephone is idle and on-hook

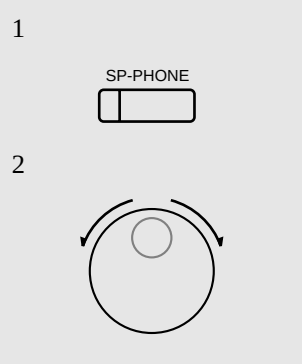
1. Press the **MODE** button five times.
   - The display shows:
     <Example>
     `Ringer:***` (— volume level 3)
2. Rotate the **Jog Dial** in the desired direction.
   - The telephone will stop ringing in about 4 seconds.
   - When the volume level is 0, no “*” is indicated.

– KX-T7420 and KX-T7425



1. Adjust the **RINGER Volume Selector** lever to the desired setting **(OFF/LOW/HIGH)**.

To adjust the speaker volume



1. Press the **SP-PHONE** button.
2. Rotate the **Jog Dial** in the desired direction.
   - The display shows:

     <Example>

     `SP:**********` (— volume level 12)
   - You may also adjust the speaker volume while listening to background music (BGM On mode), receiving a voice call, or receiving a page.

Conditions

- **If the ringer volume of the KX-T7431 is set to OFF**, the display while on-hook is as follows.

  `Ring Off 12:00P`

  By pressing " ✳", the display changes to show your extension number and name.

  `101: John Smith`

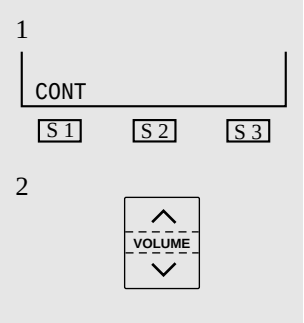
Initial Setting for KX-T7200 Series

Display Contrast Adjustment (KX-T7230 and KX-T7235 only)

A Soft button and the VOLUME Control button are used to adjust the display contrast. The contrast level is indicated on the display by the number of asterisks. You can adjust the contrast level under the following conditions:

1.) When on-hook, or

2.) During an outside/intercom call.



1. Press the **CONT** (S1) button.

2. Press the **VOLUME** (UP ∧/ DOWN ∨) Control button.
   - The display shows:
     <Example>
     `Contrast:***` (— contrast volume level 3)

When using the headset

The Panasonic Digital Super Hybrid System supports the use of a headset with a proprietary telephone (PT). When you use the headset (optional), you should switch the selection mode first. Selection is explained in the “Handset/Headset Selection” in Station Programming (Section 2).

To change to the headset mode

Press: [PROGRAM] [9] [9] [9] [2] [STORE] [PROGRAM].

Changing the ringing tone of a CO button

There are eight ringer frequencies available for each CO (Loop-CO, Single-CO) button. If you wish to change them, refer to the “Ringing Tone Selection for CO Buttons” in Station Programming (Section 2).

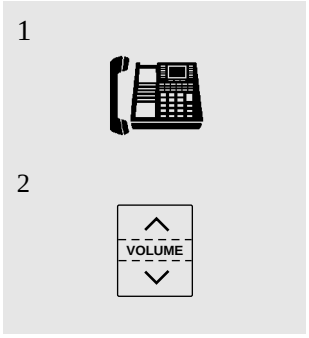
Volume Control — Handset Receiver/Headset/Ringer/Speaker

Allows you to adjust the following volumes as necessary:

— Handset Receiver volume (level 1 through 3)
— Headset volume (level 1 through 3)
— Ringer volume (level 0 through 3)
— Speaker volume (level 1 through 12)

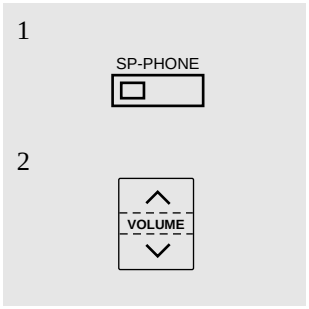
If your digital proprietary telephone is provided with a display (display DPT), the volume level is indicated on the display by the number of asterisks. For ringer volume adjustment, three levels (OFF/LOW/HIGH) are available with the KX-T7220 and KX-T7250.

To adjust the handset receiver volume



1. Lift the **handset**.
2. Press the **VOLUME** (UP ∧/ DOWN ∨) Control button.
   - The display shows:
     <Example>
     `Handset:***` (— volume level 3)
   - You may also adjust the handset receiver volume during a conversation using the handset receiver.

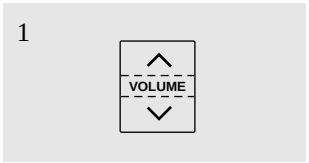
To adjust the headset volume



Be sure the headset is connected.

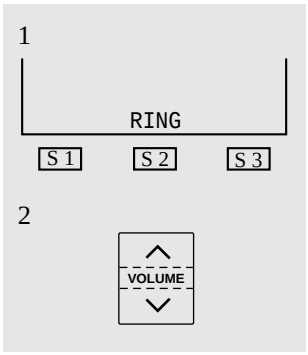
1. Press the **SP-PHONE** button.
2. Press the **VOLUME** (UP ∧/ DOWN ∨) Control button.
   - The display shows:
     <Example>
     `Headset:***` (— volume level 3)

To adjust the ringer volume – KX-T7230 and KX-T7235



While the telephone is ringing;

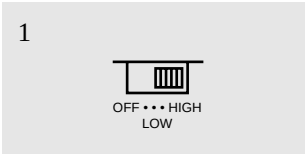
1. Press the **VOLUME** (UP ∧/ DOWN ∨) Control button.
   - The display shows:
     <Example>
     `Ringer:***` (— volume level 3)



While the telephone is idle and on-hook;

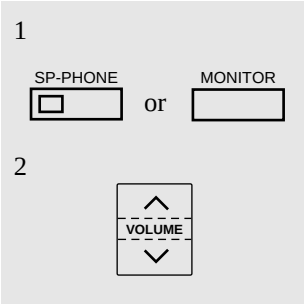
1. Press the **RING** (S2) button.
   - The telephone will ring.
2. Press the **VOLUME** (UP ∧/ DOWN ∨) Control button.
   - The telephone will stop ringing in about 4 seconds.
   - When the volume level is 0 (no "*" indication), the display shows "RNGOFF".

– KX-T7220 and KX-T7250



1. Adjust the **RINGER Volume Selector** lever to the desired setting **(OFF/LOW/HIGH)**.

To adjust the speaker volume

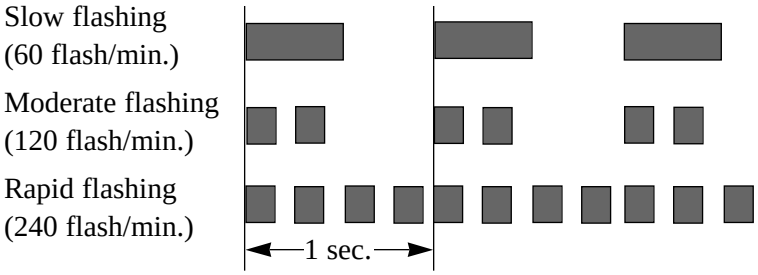


1. Press the **SP-PHONE** or **MONITOR** button.
2. Press the **VOLUME** (UP ∧/ DOWN ∨) Control button.
   - The display shows:
     <Example>
     SP:********** (— volume level 12)
   - You may also adjust the speaker volume while listening to the background music (BGM On mode), receiving a voice call, or receiving a page.

LED Indication

The Light Emitting Diode (LED) buttons indicate the line conditions with lighting patterns.

Flashing light patterns



LED Indication on the INTERCOM Button

The table below shows the lighting patterns for intercom line conditions.

INTERCOM button	Intercom Line Condition
Off	Idle
Green On	Intercom call / Conference established
Green slow flashing	Intercom call hold
Green moderate flashing	Intercom call exclusive hold / Consultation hold
Green rapid flashing	Incoming intercom/doorphone call

LED Indication on the CO Button

The table below shows the lighting patterns for outside line conditions.

CO Button	Outside Line Condition
Off	Idle
Green On	I-use
Green slow flashing	I-hold
Green moderate flashing	I-exclusive hold / Outside-to-outside line call / Conference, Unattended
Green rapid flashing	Privacy Release possible* / Hold Recall / Incoming call
Red On	Other-use / Log-out
Red slow flashing	Other-hold*

— Items with a * are only available on the Single-CO button.

BLF on DSS Button

The Busy Lamp Field (BLF) indicator button is red when the corresponding extension is busy. This is available for flexible CO buttons assigned as DSS buttons on proprietary telephones.

Section 2
Station Programming (Personal Programming)

Contents

2.1 Station Programming Instructions **.....2-2**
2.2 Station Programming (Personal Programming) *(A - Z)* **....2-6**

<Note>
All illustrations used in these operating instructions are based on the model KX-T7235.

2.1 Station Programming Instructions

Station Programming allows you, the proprietary telephone (PT) users, to program certain features from your telephone individually. To program, you need to switch your telephone to the Station Programming mode. During programming mode, your telephone is in the busy condition to outside callers. If you want to make a normal call handling operation, you must finish the programming mode.

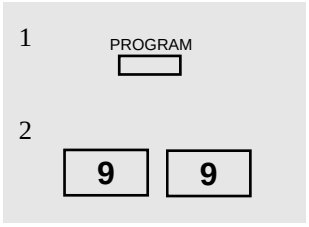
Programming Mode Display

When you enter the Station Programming mode, the display shows the following message as the initial programming mode;

```
PT-PGM Mode
```

The display also gives you helpful or stored data information related to your programming steps. In this section, we note the display example in the programming steps, if required. You can also refer to the "Display Examples" in the Appendix (Section 8).

To enter the Station Programming mode



Be sure the telephone is idle and on-hook.

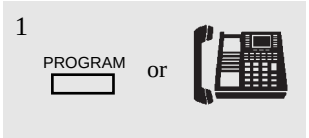
1. Press the **PROGRAM** button.

2. Dial **99**.
   - If 99 is not dialed within 5 seconds of pressing the PROGRAM button, the Station Programming mode is canceled.
   - The display shows:

     ```
     PT-PGM Mode
     ```
     (— initial programming display)

   - The STORE indicator lights.
   - If there is no entry within one minute, the Station Programming mode is canceled. Normal call handling resumes.

To exit the Station Programming mode



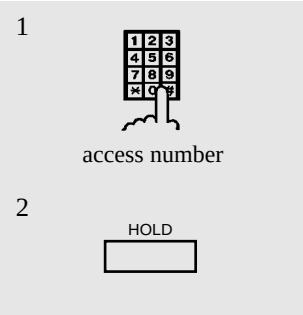
When the display shows the initial programming mode;

1. Press the **PROGRAM** button or lift the **handset**.
   - Programming is completed and normal call handling resumes.
   - If you go off-hook while programming, the mode is canceled and normal call handling resumes.

2.1 Station Programming Instructions

To confirm the assigned function data

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Enter the **programming access number*** as follows:
   - 1: Preferred Line Assignment — Outgoing
   - 2: Preferred Line Assignment — Incoming
   - 3: Full One-Touch Dialing Assignment
   - 4: Intercom Alert Assignment
   - 5: Call Waiting Tone Type Assignment
   - 6: Self-Extension Number Confirmation
   - 7: Live Call Screening Mode Set†
   - 81: Initial Display Selection
   - 82: Bilingual Display Selection
   - 9: Handset/Headset Selection
   - 01: Remote Station Lock Control
     (— Operator / manager only)
   - 02: Call Log Lock Control, Incoming
     (— Operator / manager only)
   - 03: Live Call Screening Password Control†
     (— Operator / manager only)
   - #: Station Programming Data Default Set

   • The display shows the programmed data.
   <Example>
   When you press [5], the display shows:

   ```
   C.W.  Tone 1
   ```

   (— The Call Waiting tone is now programmed to Tone 1.)

2. Press the **HOLD** (END) button.
   • The display shows the initial programming mode.

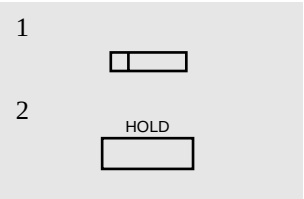
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
— If you wish to change the data, follow the programming procedure explained in this section.

* **A programming access number** is required to program/confirm the function data by Station Programming.
† Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

2.1 Station Programming Instructions

To confirm the assigned data on the Flexible button

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



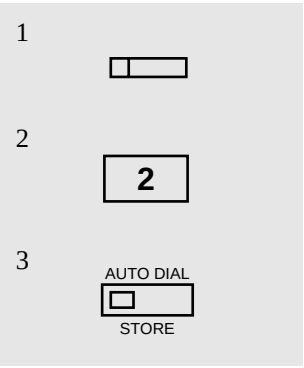
1. Press the desired **Flexible CO** button.
   - The display shows the current status.
2. Press the **HOLD** (END) button.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

— If you wish to change the data, follow the programming procedure explained in this section.

To clear the data on the Flexible button

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



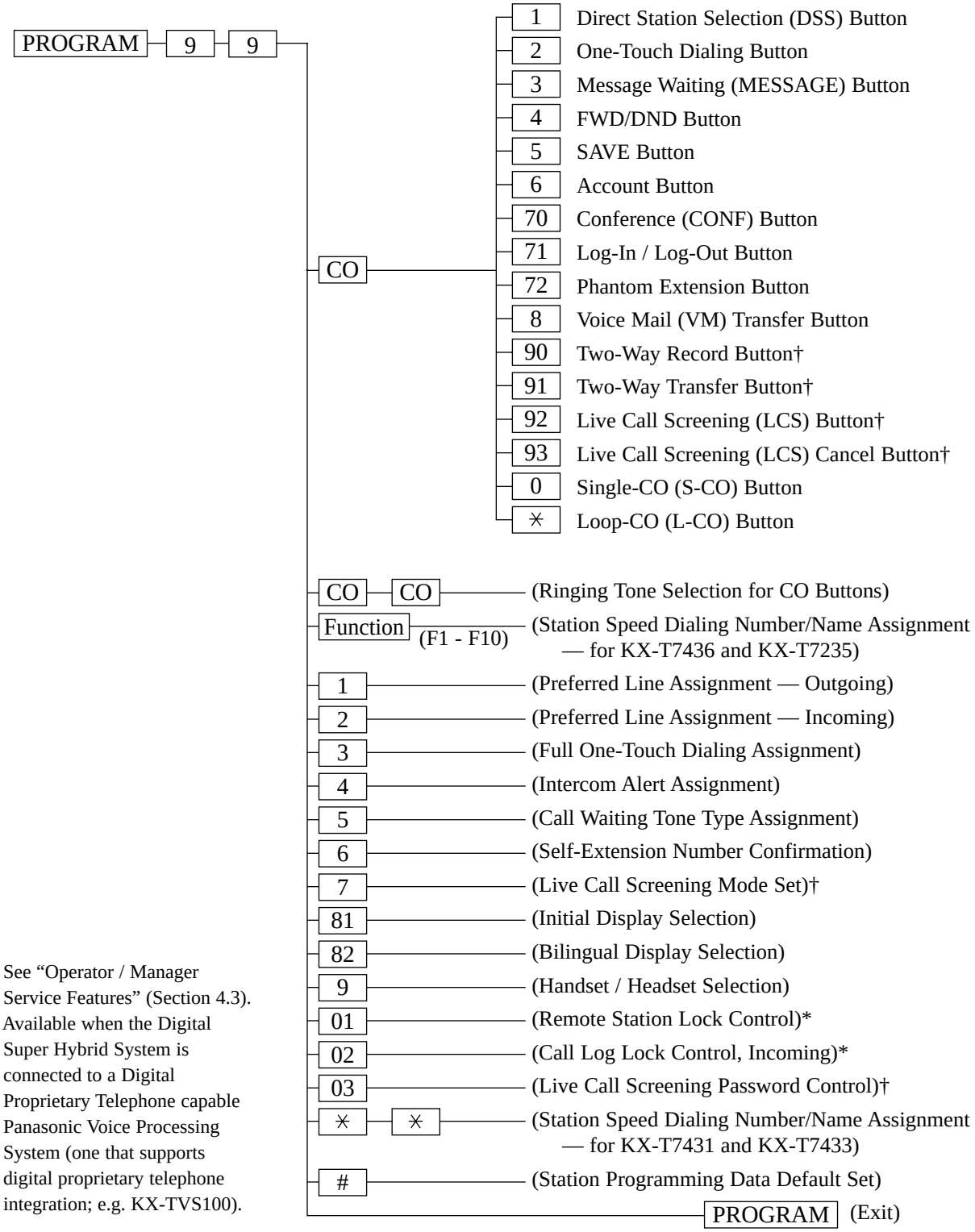
1. Press the desired **Flexible CO** button that you wish to clear.
2. Dial **2**.
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

— The following lists are the buttons and programming access numbers used for Station Programming. Detailed operating instructions are explained in this section.

2.1 Station Programming Instructions

Station Programming Outline



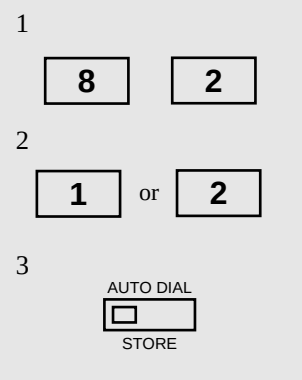
*: See “Operator / Manager Service Features” (Section 4.3).

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

Bilingual Display Selection

Allows you to select the display in English or French.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **82**.
   - The display shows the current display type.
2. Dial **1** or **2**.
   - 1: for the English display
   - 2: for the French display
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode : Press [PROGRAM] or lift the handset.

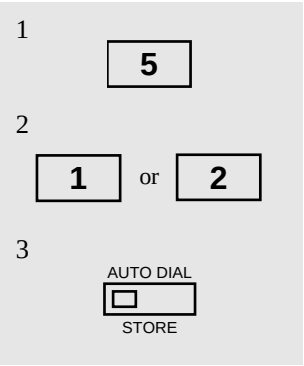
Conditions

- The default is the “English display” mode.

Call Waiting Tone Type Assignment

Allows you to select the call waiting tone type (Tone 1 or Tone 2).

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **5**.
   - The display shows the current tone type.
2. Dial **1** or **2**.
   - 1 : to select Call Waiting Tone 1
   - 2 : to select Call Waiting Tone 2
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- The tone type patterns are described in the Appendix (Section 8).
- The default is “Tone 1”.

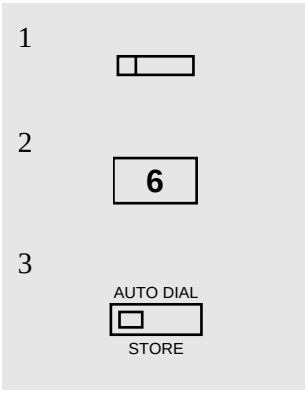
Flexible CO Button Assignment

Each Flexible CO button on your telephone can be assigned as various feature buttons such as an Account Button, DSS Button, FWD/DND Button, etc. The features assignable are limited by the button type. Please refer to "Flexible CO Buttons" in Section 1.1. The "Flexible CO Button Assignment" in System Programming (program address [005]) can be used for this assignment.

Account Button *(Assignment)*

Allows you to assign a Flexible CO button as an Account button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as the Account button.

2. Dial **6**.
   - The display shows:

   ```
   Account
   ```

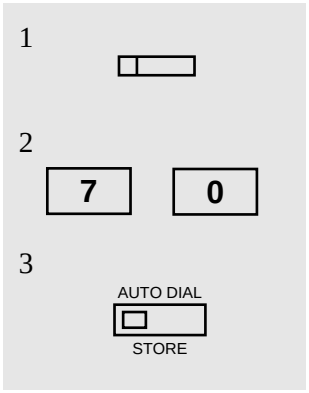
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conference (CONF) Button (Assignment)

Allows you to assign a Flexible CO button as a Conference (CONF) button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as the Conference button.

2. Dial **70**.
   - The display shows:

   ```
   Conference
   ```

3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

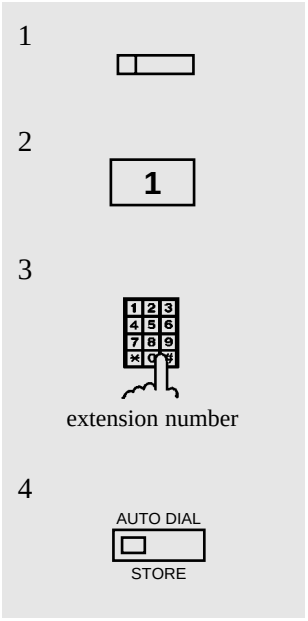
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 Station Programming (Personal Programming)

Direct Station Selection (DSS) Button (Assignment)

Allows you to assign a Flexible CO button as a DSS button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as a DSS button.

2. Dial **1**.
   - The display shows:

     ```
     EXT-
           CLR
     ```

3. Dial the **extension number**.
   - The display shows:

     ```
     EXT-xxxx
           CLR
     ```

     (— xxxx: extension number)
   - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.

     (The TRANSFER button becomes the CLEAR button when using the overlay.)

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

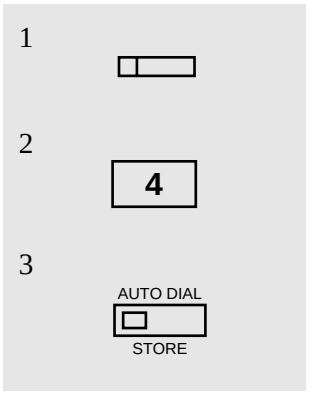
- You *cannot* enter non-existent extension numbers.

2.2 Station Programming (Personal Programming)

FWD/DND Button (Assignment)

Allows you to assign a Flexible CO button as the FWD/DND button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as the FWD/DND button.
2. Dial **4**.
   - The display shows:

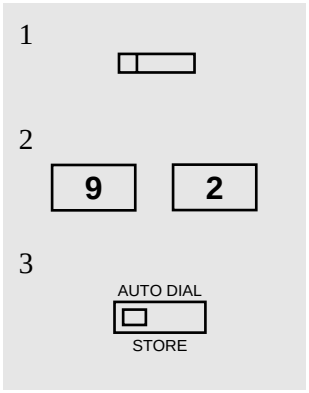
     FWD/DND
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Live Call Screening (LCS) Button (Assignment)†

Allows you to assign a Flexible CO button as the Live Call Screening (LCS) button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as the Live Call Screening button.
2. Dial **92**.
   - The display shows:

     LCS
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

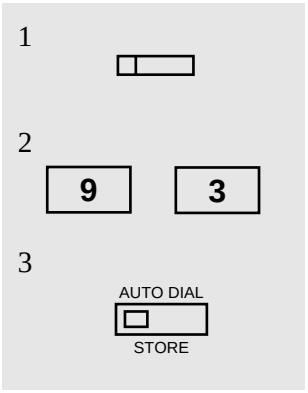
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

† Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

Live Call Screening (LCS) Cancel Button (Assignment)†

Allows you to assign a Flexible CO button as the Live Call Screening (LCS) Cancel button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as the Live Call Screening Cancel button.
2. Dial **93**.
   - The display shows:

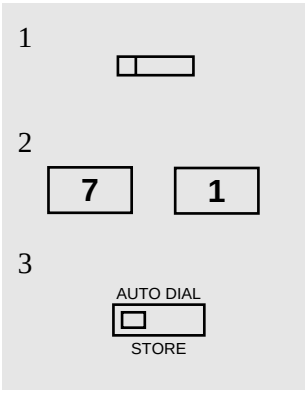
     ```
     LCS Cancel
     ```
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Log-In / Log-Out Button (Assignment)

Allows you to assign a Flexible CO button as the Log-In / Log-Out button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **Flexible CO** button which you wish to assign as the Log-In / Log-Out button.
2. Dial **71**.
   - The display shows:

     ```
     Login/Logout
     ```
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

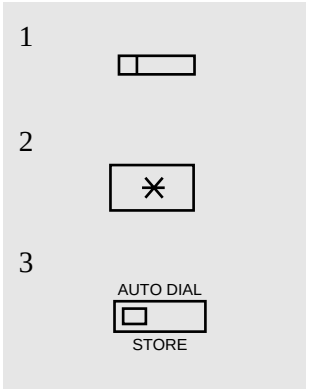
† Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

2.2 Station Programming (Personal Programming)

Loop-CO (L-CO) Button (Assignment)

Allows you to assign a Flexible CO button as a Loop-CO button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **Flexible CO** button you wish to assign as the L-CO button.
2. Dial ✳.
   - The display shows:

   ```
   Loop-CO
   ```

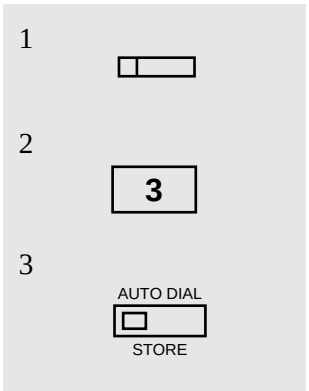
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Message Waiting (MESSAGE) Button (Assignment)

Allows you to assign a Flexible CO button as the Message Waiting (MESSAGE) button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as the Message Waiting button.
2. Dial **3**.
   - The display shows:

   ```
   Message Waiting
   ```

3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

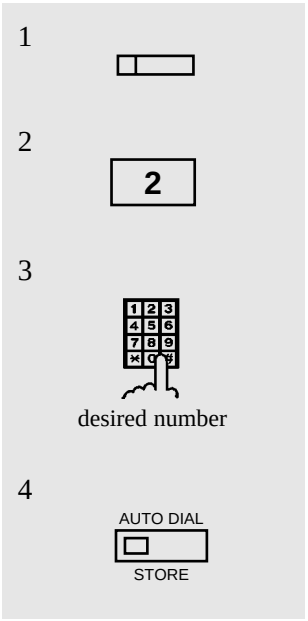
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 Station Programming (Personal Programming)

One-Touch Dialing Button (Assignment)

Allows you to assign a Flexible CO button as an One-Touch Dialing button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **Flexible CO** button you wish to assign as an One-Touch Dialing button.
2. Dial **2**.
   - The display shows:

     CLR
3. Enter the desired **number** (an extension number, phone number, etc.).
   - Up to 16 digits can be stored.
   - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.

     (The TRANSFER button becomes the CLEAR button when using the overlay.)
4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- The number can be an extension number, telephone number or a feature number. Up to sixteen digits can be stored in an One-Touch Dialing button.
- To store the telephone number of an outside party, a line access code (9 or 81 through 83) must be stored as the leading digit.
- You can store a number consisting of seventeen digits or more by dividing it and assigning it in two One-Touch Dialing buttons. In this case, the line access code should be stored in the first button.
- You can use 0 through 9, ✳, #, PAUSE, FLASH or FLASH/RCL, CONF and INTERCOM for storing.

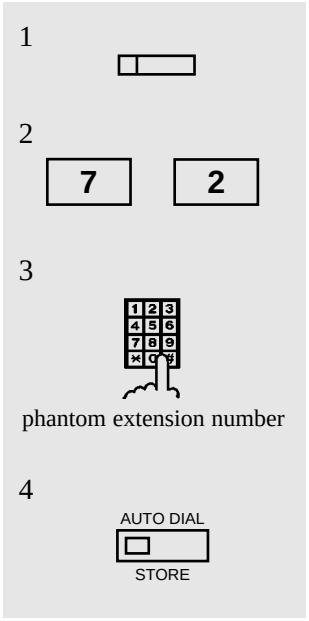
  ✳ # : change the dialing mode (Pulse to Tone)
  FLASH or FLASH/RCL : hook flash
  PAUSE : pause
  CONF : — (hyphen)
  INTERCOM : for secret dialing

  KX-T7220 and KX-T7250 telephones do not have a PAUSE button. The PROGRAM button can be used instead of the PAUSE button while programming.

Phantom Extension Button (Assignment)

Allows you to assign a Flexible CO button as a Phantom Extension button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as a Phantom Extension button.

2. Dial **72**.
   - The display shows:

   ```
   Phantom:
         CLR
   ```

3. Enter the **phantom extension number**.
   - The display shows:

   ```
   Phantom:xxxx
         CLR
   ```

   (— xxxx: phantom extension number)

   - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
     (The TRANSFER button becomes the CLEAR button while in the programming mode.)

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode : Press [PROGRAM] or lift the handset.

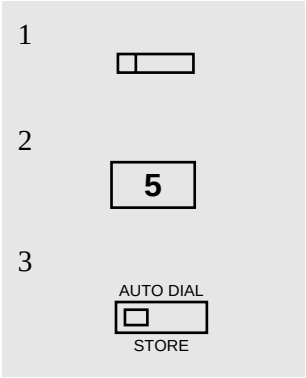
Conditions

- A phantom extension number must be registered in program [124], “Phantom Extension Number Assignment”, before assigning a Phantom Extension button.
- If you change the telephone to a model which does not have the same CO button number which is assigned as a Phantom Extension button, you must re-program the setting. If you do not change the setting, a phantom extension call will be sent to the INTERCOM button.
  For example, if you assigned a Phantom Extension button to CO button number 15 on a KX-T7230 telephone and change the telephone to a KX-T7235 model, you must re-program the setting because a KX-T7235 telephone only has 12 CO buttons.

SAVE Button (Assignment)

Allows you to assign a Flexible CO button as the SAVE button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as the SAVE button.

2. Dial **5**.
   - The display shows:

   ```
   Save
   ```

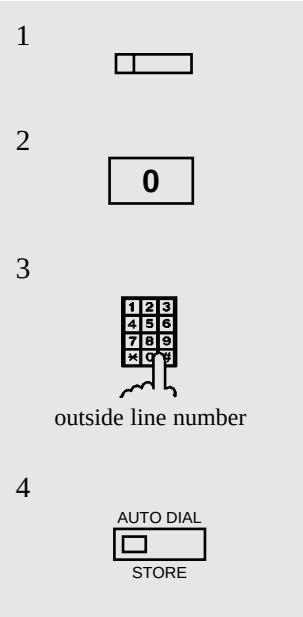
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Single-CO (S-CO) Button (Assignment)

Allows you to assign a Flexible CO button as a Single-CO button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **Flexible CO** button which you wish to assign as an S-CO button.

2. Dial **0**.
   - The display shows:

   ```
   CO—
          CLR
   ```

3. Enter the **outside line number** (1 through 3).
   - The display shows:
     <Example>

     ```
     CO—x
          CLR
     ```

     (— x: outside line number)
   - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
     (The TRANSFER button becomes the CLEAR button when using the overlay.)

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

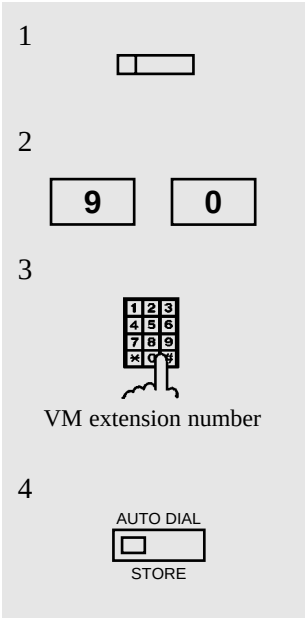
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- You cannot assign the same outside line to more than one S-CO button on a proprietary telephone.
- You can assign an outside line to a S-CO button.

Two-Way Record Button (Assignment)†

Allows you to assign a Flexible CO button as the Two-Way Record button.
This allows you to record a conversation into your voice mailbox.
— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as the Two-Way Record button.

2. Dial **90**.
   - The display shows:

   ```
   2 WAY-REC:
         CLR
   ```

3. Enter the **Voice Mail extension number**.
   - The display shows:

   ```
   2 WAY-REC:xxxx
         CLR
   ```

   (— xxxx: VM extension number)

   - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
     (The TRANSFER button becomes the CLEAR button while in the programming mode.)

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- You cannot enter a non-existent extension or floating number*.
- A voice mail extension number must be assigned by System Programming.

Programming References

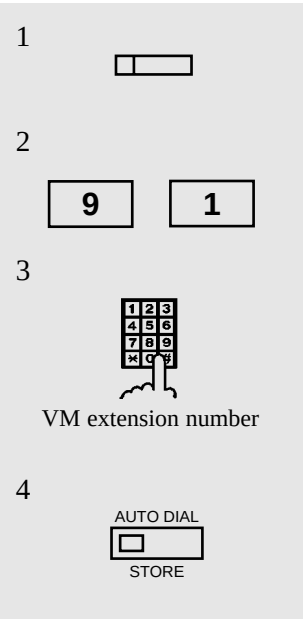
- System Programming — Installation Manual
  [118] Voice Mail Extension Number Assignment

* A Floating Number (FN) is a virtual extension number which appears to be an extension. For more details, please consult with your dealer.

† Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

Two-Way Transfer Button (Assignment)†

Allows you to assign a Flexible CO button as the Two-Way Transfer button.
This allows you to record a conversation into a desired mailbox.
— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the desired **Flexible CO** button you wish to assign as the Two-Way Transfer button.

2. Dial **91**.
   - The display shows:

   ```
   2 WAY-TRANS:
         CLR
   ```

3. Enter the **Voice Mail extension number**.
   - The display shows:

   ```
   2 WAY-TRANS:XXXX
         CLR
   ```

   (— xxxx: VM extension number)

   - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
     (The TRANSFER button becomes the CLEAR button while in the programming mode.)

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- You cannot enter a non-existent extension or floating number*.
- A voice mail extension number must be assigned by System Programming.

Programming References

- System Programming — Installation Manual
  [118] Voice Mail Extension Number Assignment

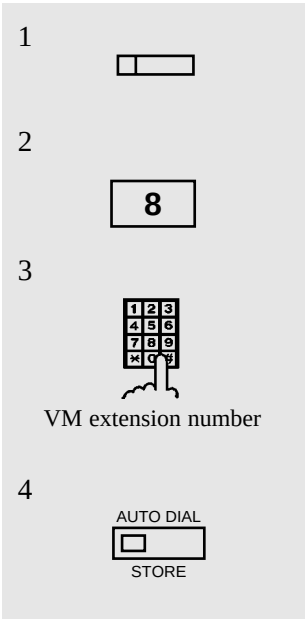
* A Floating Number (FN) is a virtual extension number which appears to be an extension. For more details, please consult with your dealer.

† Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

Voice Mail (VM) Transfer Button (Assignment)

Allows you to assign a Flexible CO button as the VM Transfer button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **Flexible CO** button you wish to assign as the VM Transfer button.

2. Dial **8**.
   - The display shows:

   ```
   VTR-
         CLR
   ```

3. Dial the **Voice Mail extension number**.
   - The display shows:

   ```
   VTR-xxxx
         CLR
   ```

   (— xxxx: VM extension number)

   - To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
     (The TRANSFER button becomes the CLEAR button while in the programming mode.)

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- You cannot enter non-existent extension or a floating number*.
- Through System Programming, “VM Command DTMF Set” and “Station Hunting Type” must be programmed to match the operation of your Voice Processing System.

Programming References

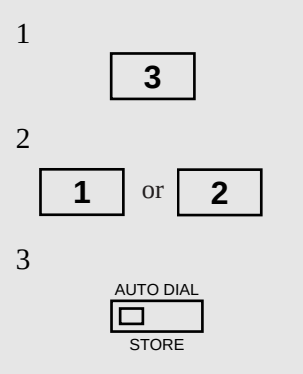
- System Programming — Installation Manual
  [106] Station Hunting Type
  [114] VM Command DTMF Set

* A Floating Number (FN) is a virtual extension number which appears to be an extension. For more details, please consult with your dealer.

Full One-Touch Dialing Assignment

Allows you to enable or disable the “Full One-Touch Dialing” function. The “Handsfree Operation” mode is activated by pressing an One-Touch Dialing button, DSS button, REDIAL button or SAVE button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **3**.
   - The STORE indicator light turns off.
   - The display shows the current status.

   <Example>

Hands-free:Off

   (— When disabled)
2. Dial **1** or **2**.
   - 1 : to select the off mode
   - 2 : to select the on mode
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

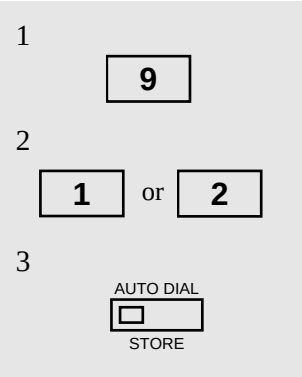
Conditions

- The default is “On”.

Handset / Headset Selection

Allows you to select the handset mode or headset mode.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **9**.
   - The display shows the current status.
2. Dial **1** or **2**.
   - 1 : to select Handset mode
   - 2 : to select Headset mode
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

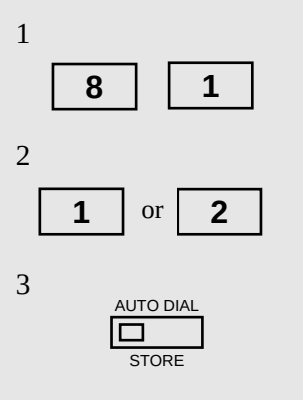
Conditions

- The default is “Handset”.

Initial Display Selection

Allows you to select the either the initial display, Caller ID or outside line name, which is shown on the display when a call is received.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **81**.
   - The display shows the current display type.
2. Enter **1** or **2**.
   - 1 : for the Caller ID
   - 2 : for the outside line name
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

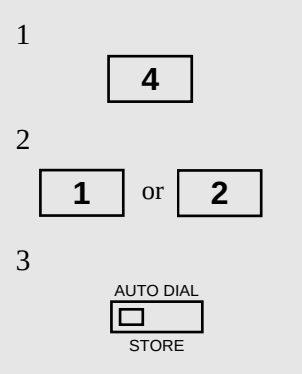
Conditions

- The default is the “Caller ID” mode.

Intercom Alert Assignment

Allows you to select the alert mode (tone / voice) when receiving an intercom (extension) call.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **4**.
   - The display shows the current status.

Tone Call

   (— When Ring-Calling (Tone Call) mode is selected)

Voice Call

   (— When Voice-Calling mode is selected)

2. Dial **1** or **2**.
   - 1 : to select Ring-Calling (Tone Call) mode
   - 2 : to select Voice-Calling mode

3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

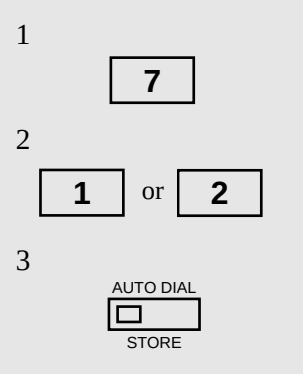
Conditions

- The default is “Ring-Calling (Tone Call)”.

Live Call Screening Mode Set †

Assign whether the recording message is monitored through the built-in speaker (Hands-free mode) or an alert tone is sent (Private mode) while incoming callers are leaving a message.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **7**.
   - The display shows the current status.

Hands-free	(— When the Hands-free mode is selected)

Private	(— When the Private mode is selected)

2. Dial **1** or **2**.
   - 1 : to select Hands-free mode
   - 2 : to select Private mode

3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

- The default is the “Hands-free” mode.

† Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

Preferred Line Assignment — Incoming

Allows you to select the method used to answer incoming calls from the following three line preferences:

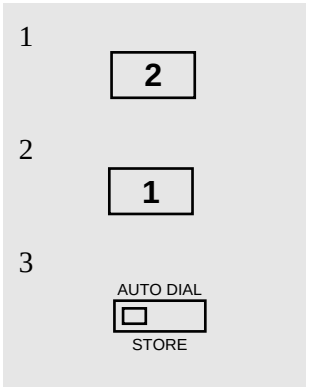
1.) No Line Preference
2.) Ringing Line Preference (— default)
3.) Prime Line (Outside Line) Preference

Follow the corresponding programming procedure according to your selection.

No Line Preference — Incoming *(Assignment)*

No line is selected when you go off-hook. You must select a line to answer an incoming call.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **2**.
   - The display shows the current status.
2. Dial **1**.
   - The display shows:

   ```
   Pref.In :No
   ```

3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

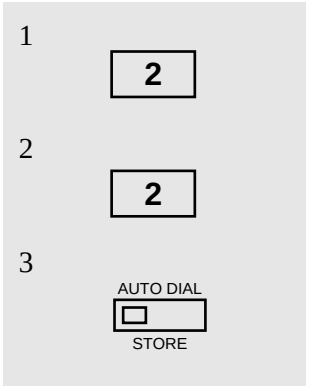
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 Station Programming (Personal Programming)

Ringing Line Preference — Incoming (Assignment)

When you go off-hook, you can answer any call ringing at your telephone.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **2**.
   - The display shows the current status.
2. Dial **2**.
   - The display shows:

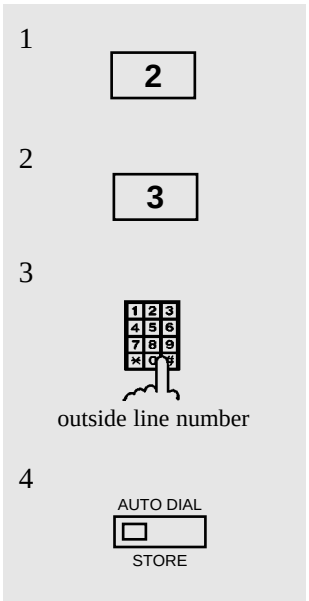
   ```
   Pref.In :Ring
   ```
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Prime Line (Outside Line) Preference — Incoming (Assignment)

When you go off-hook, you can answer a call on the line which is assigned as the prime line.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **2**.
   - The display shows the current status.
2. Dial **3**.
3. Dial the **outside line number** (1 through 3).
   - The display shows:

   ```
   Pref.In :CO-x
   ```
   (— x: outside line number)
4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Preferred Line Assignment — Outgoing

Allows you to select the desired outgoing line preference to originate calls from the following four line preferences:

1.) No Line Preference
2.) Idle Line Preference
3.) Prime Line (Outside Line) Preference
4.) Prime Line (INTERCOM) Preference (— default)

Follow the programming procedure according to your selection.

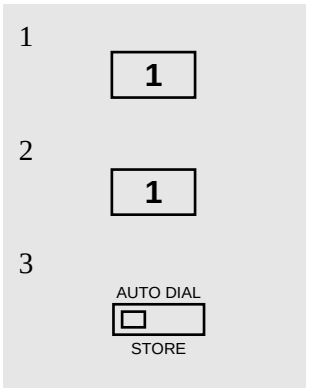
<Note>

When setting “Idle Line Preference”, “No Line Preference” or “Prime Line (Outside Line) Preference”, it is **not** possible to access any DPT features after going off-hook. To access these DPT features, press the INTERCOM button before or after going off-hook.

No Line Preference — Outgoing (Assignment)

When you go off-hook, you are not connected to any line. You must choose the line.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **1**.
   - The display shows the current status.
2. Dial **1**.
   - The display shows:

   ```
   Pref.Out:No
   ```
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

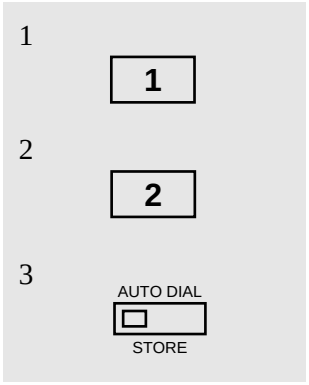
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 Station Programming (Personal Programming)

Idle Line Preference — Outgoing (Assignment)

When you go off-hook, you are connected to an idle line.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **1**.
   - The display shows the current status.
2. Dial **2**.
   - The display shows:

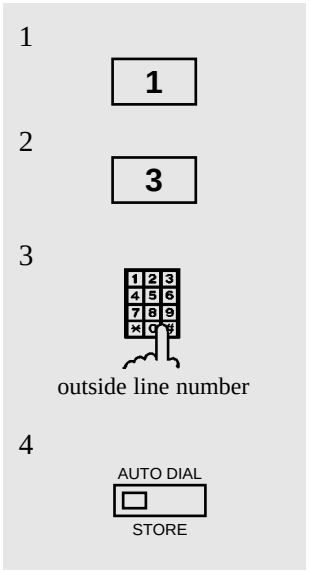
   ```
   Pref.Out:Idle
   ```
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Prime Line (Outside Line) Preference — Outgoing (Assignment)

When you go off-hook, you are connected to a pre-assigned line.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **1**.
   - The display shows the current status.

2 Dial **3**.

3. Dial the **outside line number** (1 through 3).
   - The display shows:

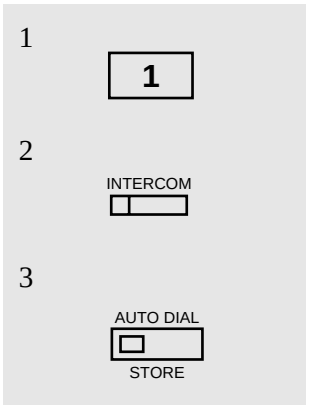
   ```
   Pref.Out:CO-x
   ```
   (— x: outside line number)
4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Prime Line (INTERCOM) Preference — Outgoing (Assignment)

When you go off-hook, you are connected to the INTERCOM line.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **1**.
   - The display shows the current status.
2. Press the **INTERCOM** button.
   - The display shows:

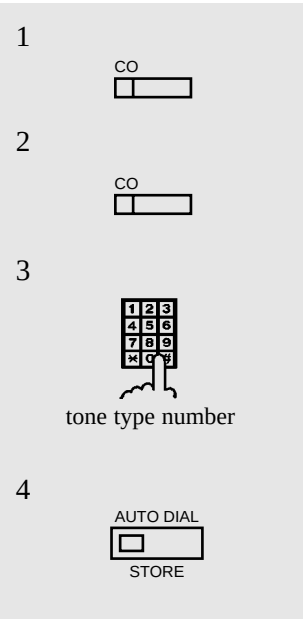
   ```
   Pref.Out:ICM
   ```
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Ringing Tone Selection for CO Buttons

Allows you to assign a ringer frequency to each CO button.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press the **CO** button you wish to change.

2. Press the same **CO** button again.
   - The display shows the current status.

3. Enter the **tone type number** (1 through 8).
   - The display shows the selected tone type number and you hear the selected tone until the STORE button is pressed.

Tone Type-x

     (— x: tone type number)
   - If you want to change the tone type, enter a tone type number.

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Conditions

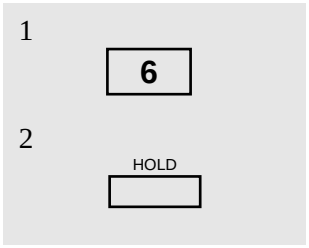
- The default is Ringing Tone Type 2.

2.2 Station Programming (Personal Programming)

Self-Extension Number Confirmation *(Display DPT only)*

Allows you to display your jack and extension number.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **6**.
   - The display shows your jack and extension number.

   <Example>

   ```
   Jack1<=>EXT11
   ```
2. Press the **HOLD** (END) button.
   - The display shows the initial programming mode.

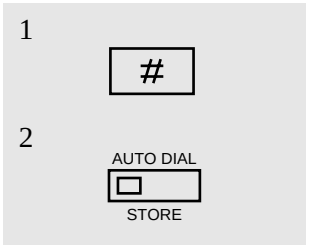
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Station Programming Data Default Set

Allows you to return each of the following programmable items to their default settings.

a) Bilingual Display Selection (default: English)
b) Call Waiting Tone Type Assignment (default: Tone 1)
c) Full One-Touch Dialing Assignment (default: On)
d) Handset/Headset Selection (default: Handset)
e) Initial Display Selection (default: Caller ID)
f) Intercom Alert Assignment (default: Ring-Calling)
g) Live Call Screening Mode Set (default: Hands-free)
h) Preferred Line Preference — Incoming (default: Ringing Line)
i) Preferred Line Preference — Outgoing (default: INTERCOM Line)

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Dial **#**.
   - The display shows:

   ```
   Clear Ready?
   ```
2. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Station Speed Dialing Number/Name Assignment

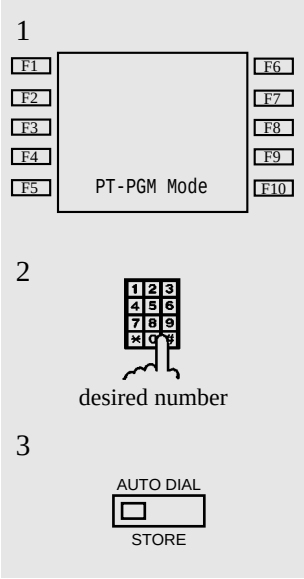
(KX-T7431 / KX-T7433 / KX-T7436 / KX-T7235 only)

Allows you to assign frequently dialed numbers and names to each Function button on your telephone.

For KX-T7436 and KX-T7235 users

To store a number

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press a **Function** button (F1 through F10).
   - The STORE indicator light turns off.
   - The display shows the current status.

   <Example>

   ```
   9-431-2111
         CLR   NEXT
   ```

   (— The outside call, 431-2111, is now programmed.)

2. Enter the **desired number** (up to sixteen digits).
   - 0 through 9, ✳, #, FLASH or FLASH/RCL, PAUSE, INTERCOM, (“[” or “]”: secret) and CONF (–: hyphen) can be used.
   - To store the telephone number of an outside party, the line access code (9 or 81 through 83) must be the leading digit.
   - To erase the entry, press the CLR (S2) button.

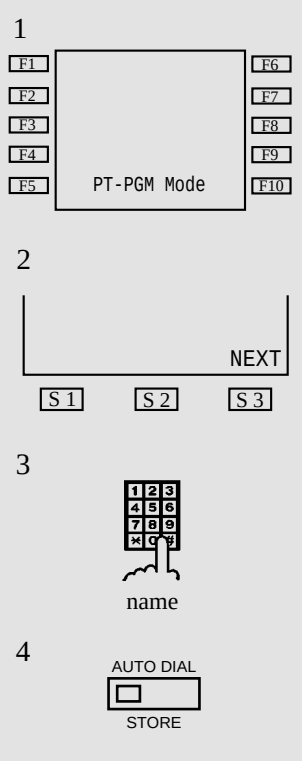
3. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 Station Programming (Personal Programming)

To store a name

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press a **Function** button (F1 through F10).
   - The STORE indicator light turns off.
   - The display shows the current status.

2. Press the **NEXT** (S3) button.
   - The display shows the current status.

   <Example>

   ```
   Mike
         CLR   NEXT
   ```

   (— The name is now programmed.)

3. Enter the **name**.
   - Refer to the Combination Table on pages 2-37 and 2-38 on how to enter each character.

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

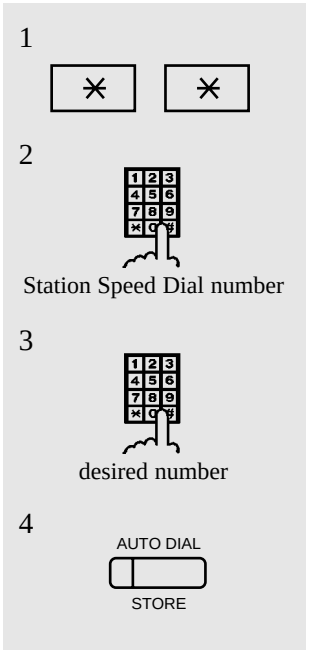
— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

2.2 Station Programming (Personal Programming)

For KX-T7431 and KX-T7433 users

To store a number

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press ✱✱.

2. Enter the **Station Speed Dial number** (0 through 9).
   - The STORE indicator light turns off.
   - The display shows the current status.

   <Example>

9-431-2111
CLR NEXT

   (— The outside call, 431-2111, is now programmed.)

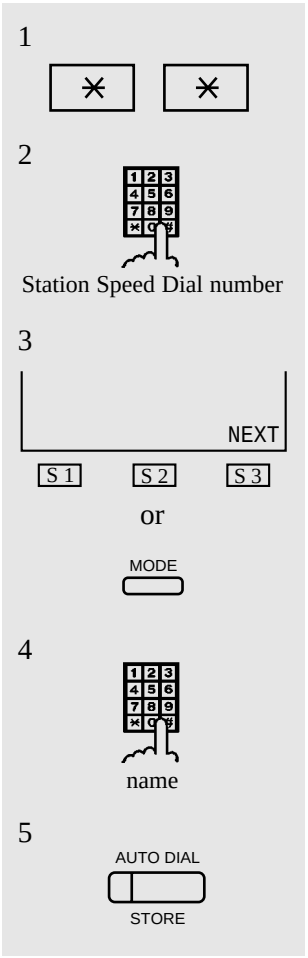
3. Enter the **desired number** (up to sixteen digits).
   - 0 through 9, ✱, #, FLASH/RCL, PAUSE, INTERCOM, ("[" or "]": secret) and CONF (–: hyphen) can be used.
   - To store the telephone number of an outside party, the line access code (9 or 81 through 83) must be the leading digit.
   - To erase the entry, press the CLR (S2) button or TRANSFER button.
     – CLR (S2) button: for KX-T7433 users
     – TRANSFER button: for KX-T7431 users

4. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

To store a name

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].



1. Press ✱✱.

2. Enter the **Station Speed Dial number** (0 through 9).
   - The STORE indicator light turns off.
   - The display shows the current status.

   <Example>

   ```
   9-431-2111
         CLR   NEXT
   ```

   (— The outside call, 431-2111, is now programmed.)

3. Press the **NEXT** (S3) button or **MODE** button to store a name.
   – **NEXT** (S3) button: for KX-T7433 users
   – **MODE** button: for KX-T7431 users

4. Enter the **name**.
   - Refer to the Combination Table on pages 2-37 and 2-38 on how to enter each character.

5. Press the **STORE** button.
   - The STORE indicator lights.
   - The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Combination Table

Characters can be entered using the dial key pad, various buttons or the Jog Dial for storing names.

Combination Table 1 shows the combination of keys and the number of times to press the SELECT (AUTO ANSWER/MUTE) button, or the combination of keys and the SHIFT and Soft buttons to enter characters. (The AUTO ANSWER/MUTE button becomes the SELECT button when using the overlay.)

To enter a character, find the key and number of times to press the SELECT button or the corresponding SHIFT and Soft button combination on the table. Press the corresponding key first, then press the SELECT button the required number of times. Or, you can use the SHIFT button and a Soft button (S1 through S3) instead of the SELECT button.

Combination Table 2 shows the combination of keys and the number of pulses to move the Jog Dial (click tones) to the right.

To enter a character, find the key and number pulses to rotate the Jog Dial. Press the corresponding key first, then rotate the Jog Dial the required number of times. Or, if you keep rotating the Jog Dial after pressing any dialing key, all of the characters in the table will be displayed.

Combination Table 1

SHIFT & Soft Combination		S1	SHIFT+ S1	S2	SHIFT+ S2	S3	SHIFT+ S3	SHIFT+ SHIFT+ S1	SHIFT+ SHIFT+ S2
Pressing SELECT* (Times) / Keys	0	1	2	3	4	5	6	7	8
1	1	Q	q	Z	z	!	?		
2	2	A	a	B	b	C	c		
3	3	D	d	E	e	F	f		
4	4	G	g	H	h	I	i		
5	5	J	j	K	k	L	l		
6	6	M	m	N	n	O	o		
7	7	P	p	Q	q	R	r	S	s
8	8	T	t	U	u	V	v		
9	9	W	w	X	x	Y	y	Z	z
0	0		.	,	’	:	;		
⋇	*	/	+	-	=	<	>		
#	#	$	%	&	@	(	)		

* If your telephone is a KX-T7431, do not use the provided SELECT button. Use the AUTO ANSWER / MUTE button which becomes the SELECT button when using the overlay.

Combination Table 2

Keys \ Rotating Jog Dial (Pulses)	0	1	2	3	4	5	6	7	8
1	1	Q	q	R	r	S	s	T	t
2	2	A	a	B	b	C	c	D	d
3	3	D	d	E	e	F	f	G	g
4	4	G	g	H	h	I	i	J	j
5	5	J	j	K	k	L	l	M	m
6	6	M	m	N	n	O	o	P	p
7	7	P	p	Q	q	R	r	S	s
8	8	T	t	U	u	V	v	W	w
9	9	W	w	X	x	Y	y	Z	z
0	0		!	?	.	,	’	:	;
⋇	*	/	+	-	=	<	>	#	$
#	#	$	%	&	@	(	)	A	a

<Example> To enter “Mike”

— Using the SELECT button (*With a KX-T7431 / KX-T7433 / KX-T7436 / KX-T7235*)
See Combination Table 1.

1. Press 6 and then press the SELECT button *once* to enter “M”.
2. Press 4 and then press the SELECT button *six* times to enter “i”.
3. Press 5 and then press the SELECT button *four* times to enter “k”.
4. Press 3 and then press the SELECT button *four* times to enter “e”.

— Using the SHIFT button and a Soft button (*With a KX-T7433 / KX-T7436 / KX-T7235*)
See Combination Table 1.

1. Press 6 and then press the S1 button to enter “M”.
2. Press 4 and then press the SHIFT and S3 button to enter “i”.
3. Press 5 and then press the S2 button to enter “k”.
4. Press 3 and then press the S2 button to enter “e”.

— Using the Jog Dial (*With a KX-T7431 / KX-T7433 / KX-T7436*)
See Combination Table 2.

1. Press 6 and then rotate the Jog Dial *one* pulse to enter “M”.
2. Press 4 and then rotate the Jog Dial *six* pulses to enter “i”.
3. Press 5 and then rotate the Jog Dial *four* pulses to enter “k”.
4. Press 3 and then rotate the Jog Dial *four* pulses to enter “e”.

OR

1. Press 2 and then rotate the Jog Dial until “M” appears.
2. Press 2 and then rotate the Jog Dial until “i” appears.
3. Press 2 and then rotate the Jog Dial until “k” appears.
4. Press 2 and then rotate the Jog Dial until “e” appears.

Notes

- Pressing the SHIFT button alternates between capital and lower case letters. Once this button is pressed, that letter SHIFT mode remains until SHIFT is pressed again.
- To erase the last word (to backspace), press the CONF button.
  (The CONF button becomes the “←” (backspace) key when using the overlay.)
- To erase all of the data, press the CLR (S2) button.
- If you keep rotating the Jog Dial, all of the characters will be displayed in order.
  <Example> If you rotate the Jog Dial after pressing 2, all of the characters will appear in the following order:
  A a B b ···· Z z (space) ! ? . , ’ : ; * / + – = < > # $ % & @ ( ) A a B b ····

Conditions

- The default is “Not Stored”.
- Up to ten dialing numbers and names can be assigned. Each dialing number has a maximum of sixteen digits and each name has a maximum of ten characters.

Section 3
User Programming (Manager Programming)

Contents

3.1 User Programming Instructions **.....3-2**
General Programming Instructions **.....3-2**
Programming Methods **.....3-5**
3.2 User Programming (Manager Programming) **.....3-7**

3.1 User Programming Instructions

General Programming Instructions

User Programming (Manager Programming) allows you, the proprietary telephone (PT) user, to program the following system features from your telephone individually.

- Date and Time Set
- System Speed Dialing Number Set
- System Speed Dialing Name Set
- Extension Number Set
- Extension Name Set
- Flexible CO Button Assignment
- Operator / Manager Extension Assignment
- Absent Messages
- Quick Dial Number Set

To program, you need to switch your telephone to the User Programming mode. During the programming mode, your telephone is in a busy condition for outside callers. If you want to make a normal call operation, you must finish the programming mode.

Default Setting

This system has default factory settings. Any required changes can be written in the "Programming Tables".

Required Telephone Set

One of the following telephone sets is required for User Programming (Manager Programming):

- Digital Proprietary Telephone (DPT): KX-T7436, KX-T7433, KX-T7431, KX-T7235 or KX-T7230.

Soft Buttons and SHIFT Button on the Display PT

Three soft buttons are provided just below the display on the display DPTs, KX-T7433, KX-T7436, KX-T7230 and KX-T7235. The functions of these soft buttons vary as the programming procedures advance step by step. Those functions that are currently assigned to the buttons are shown on the lower line of the display. If the **SHIFT** button indicator is on, two functions are available for each soft button. To alternate between the two functions, press the **SHIFT** button on the right side of the display.

3.1 User Programming Instructions

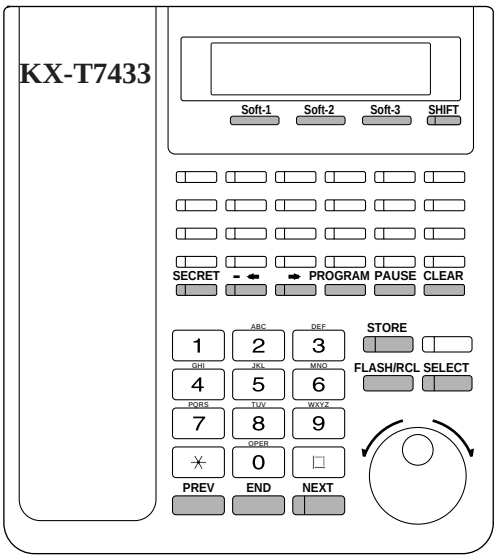
Using the Overlay

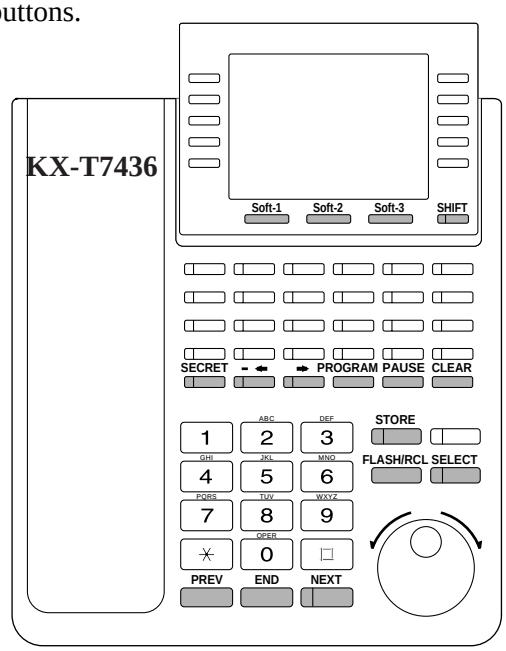
A programming overlay is packed with the main unit at the factory.

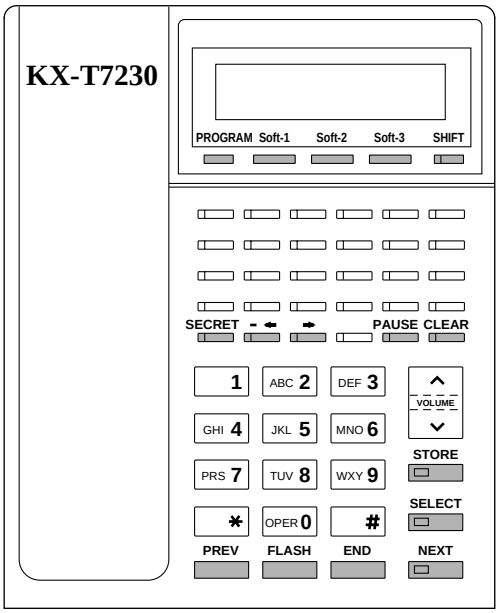
This overlay should be used at all times while in programming mode, since the functions of the telephone keys change during programming.

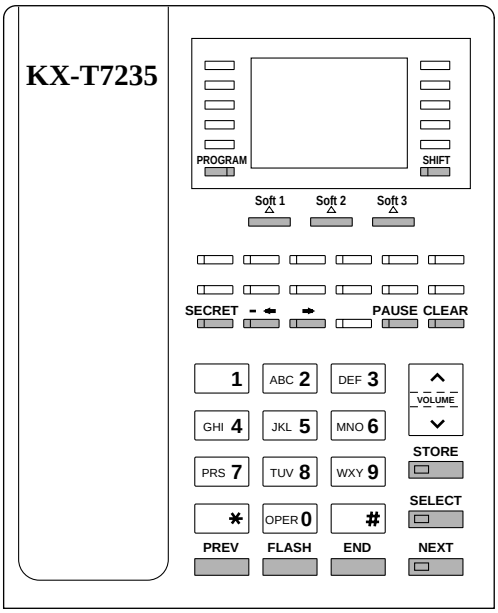
Location of Controls with the Overlay

The pictures below show the functions of the buttons of the KX-T7433, KX-T7436, KX-T7230 and KX-T7235 while in programming mode. KX-T7431 is the same as the KX-T7433 except for the Soft and SHIFT buttons.









3.1 User Programming Instructions

Before entering the programming mode

Before entering programming mode, confirm that:

- Your telephone is on-hook, and
- No calls are on hold at your telephone.

Entering the programming mode

To enter the User Programming (Manager Programming) mode:

Press **PROGRAM** + ✱ + ✱ + **User Password (default:1234)**

- The display shows the Initial Message: `USR-PGM NO?→`

Note:

- If nothing is entered within five seconds after the **PROGRAM** button is pressed, programming is canceled.
- During the programming mode, your extension is treated as a busy extension.
- Only one proprietary telephone can be in programming mode at any one time.
- The User Password is not shown on the display. The password can be changed by System Programming.

Programming References

- System Programming — Installation Manual
  [120] User Password

In this section, programs [000] through [004] are explained. Please consult with your dealer when you need to change the following programs:

- [005] Flexible CO Button Assignment
- [006] Operator / Manager Extension Assignment
- [008] Absent Messages
- [009] Quick Dial Number Set

3.1 User Programming Instructions

Programming Methods

Advancing to the next stage

When "USR-PGM NO?→" is displayed, you can select one of the following:

- To go to program [000], press the **NEXT** button.
- To go to another program, enter the 3-digit program address.

Rotation of jack number

Each jack of the Digital Super Hybrid System supports the connection of a digital proprietary telephone and a single line device with different extension numbers (eXtra Device Port: XDP function).

To program this function it is necessary to assign two parts for each jack. The first part of jack one is 1-1. The second part of jack one is 1-2. The first part of jack two is 2-1 and so on. The **NEXT** and **PREV** buttons can be used to move from jack to jack as required.

Example;

Note:

The first part of a jack is for a DPT of a XDP-assigned jack. The second part is for a single line device. Program [600] "EXtra Device Port" assigns which jacks are XDP.

Entering Characters

You can enter characters to store names for speed dial numbers, extension numbers, etc., by using the dialing key pad and buttons.

Each of the twelve dialing keys on the dialing key pad represents seven characters. Refer to the "Station Speed Dialing Number / Name Assignment (KX-T7431/KX-T7433/KX-T7436/KX-T7235 only)" section in Section 2.2 Station Programming.

Storing your data

Press **STORE** to store your data.

- The **STORE** indicator lights red and a confirmation tone sounds.

* **Confirmation tone (one beep)**

After pressing **STORE**, you will hear a beep. This informs you that storage has been completed successfully.

***Alarm tone (three beeps)**

If you hear this alarm, your entry is not valid.

3.1 User Programming Instructions

Making another selection within the same program address

- To go to the next selection, press **NEXT**.
- To go to the previous selection, press **PREV**.
- To make a specific selection, press **SELECT** and then enter the number.

Accessing another program address

After pressing **STORE**, you can access another program by one of the following two methods:

(1) • To go to the next larger program address:
Press **Soft 1 (SKP+)** or **VOLUME ∨ (DOWN)**.
• To go to the next smaller program address:
Press **SHIFT + Soft 1 (SKP–)** or **VOLUME ∧ (UP)**.

(2) To go to a specific program address:
Press **END**, then enter the program address.

Returning to the normal operation mode

There are two ways to return to the normal operation mode:

(1) Lift the handset while in programming mode.

(2) When the Initial Message: `USR-PGM NO?→` is displayed, press the **PROGRAM** button.
(To display the Initial Message, press **END**.)

3.2 User Programming (Manager Programming) 000
Date and Time Set

NOTICE

It is assumed that you have read Section 3.1 “User Programming Instructions”. Soft button usage is explained in that section, therefore no references will be made to them in the following instructions. The soft buttons can be used in place of the overlay keys at any time.

Description

Sets the current data and time.

Selection

- Year: **00 through 99**
- Month: **Jan. through Dec.**
- Day: **1 through 31**
- Day of the week: **SUN / MON / TUE / WED / THU / FRI / SAT**
- Hour: **00 through 12**
- Minute: **00 through 59**
- **AM / PM**
- Clock hour: **12 or 24**

Default

’97 Jan. 1 WED 12:00 AM 12

Programming

1. Enter **000**.

```
Display: 000 DATE / TIME
```

2. Press **NEXT**.

```
Display example: ’97 Jan.  1 WED
```

3. Enter the **year**.

To change the current entry, press **CLEAR** and enter the new year.

4. Press ➡.

5. Keep pressing **SELECT** until the desired month is displayed.

6. Press ➡.

7. Enter the **day**.

To change the current entry, press **CLEAR** and enter the new day.

8. Press ➡.

9. Keep pressing **SELECT** until the desired day of the week is displayed.

10. Press **STORE**.

11. Press **NEXT**.

```
Display example: 12:00 PM 24
```

12. Enter the **hour**.

To change the current entry, press **CLEAR** and enter the new hour.

13. Press ➡.

14. Enter the **minute**.

To change the current entry, press **CLEAR** and enter the new minute.

15. Press ➡.

16. Press **SELECT** for AM or PM.

17. Press ➡.

18. Press **SELECT** for 12 or 24 (clock hour).

19. Press **STORE**.

20. Press **END**.

Conditions

- After changing an entry, you can press **STORE**. You do not have to perform the rest of the steps.
- To return to the previous field, press ⬅ in steps 4 through 9 and steps 13 through 18.
- If you hear an alarm after pressing **STORE**, check that the date is valid.
- The clock starts immediately after the **STORE** button is pressed.
- You cannot leave an entry empty.

Feature References

Installation Manual, Section 3, Features
Display, in Idle

3.2 User Programming (Manager Programming) 001
System Speed Dialing Number Set

Description

Used to program the System Speed Dialing numbers. These numbers are available to all extension users.

Selection

- Speed dial numbers: **00 through 99**
- Telephone number: **24 digits (max.)**

Default

All speed dial numbers – Not stored

Programming

1. Enter **001**.

```
Display: 001 SYS SPD DIAL
```

2. Press **NEXT**.

```
Display: SPD-Code?→
```

3. Enter a **speed dial number**.

To enter speed dial number 00, you can also press **NEXT**.

```
Display example: 00:Not Stored
```

4. Enter a **telephone number**.

To delete the current entry, press **CLEAR**.

To change the current entry, press **CLEAR** and enter the new number.

5. Press **STORE**.

6. To program another speed dial number, press **NEXT** or **PREV**, or **SELECT** and the desired **speed dial number**.

7. Repeat steps 4 through 6.

8. Press **END**.

Conditions

- Each speed dial number has a maximum of 24 digits. The valid characters are **0 through 9, ✳, and # keys, and the FLASH or FLASH/RCL, PAUSE, SECRET and – (hyphen) buttons**.
  - – To store the flash signal, press **FLASH or FLASH/RCL**.
    Note : The stored flash will only be effective during an established call.
    (Refer to the Installation Manual, Section 3 “External Feature Access”.)
  - – To store a hyphen, press the “**–**” button.

  - To store a pause, press **PAUSE**.
    (Refer to the Installation Manual, Section 3 “Pause Insertion, Automatic”.)
  - To store a feature number to convert pulse signals to DTMF (Dual Tone Multi-Frequency) signals, press the ✱ and # keys. (Refer to the Installation Manual, Section 3 “Pulse to Tone Conversion”.)
  - To prevent displaying all or part of the number, press **SECRET** before and after the confidential parts of the number, or your entry is not stored. (Refer to the Installation Manual, Section 3 “Secret Dialing”.)
- If you are storing an external number, include the line access code (default: 9, 81 through 83) before the number. When dialing, a pause is automatically inserted after the code.
- If you are storing an account code, enter the account code before the line access code. (Refer to the Installation Manual, Section 3 “Account Code Entry”.)
- It is possible to store a number consisting of 25 digits or more by storing it in two speed dial numbers. The line access code should be stored in the first speed dial number.
- To access another speed dial number in steps 3 through 6, press **SELECT** and start with step 3.
- To display parts of the number which have scrolled off the display, press ▶ or ◀.
- Program [002] “System Speed Dialing Name Set” is used to name the speed dial numbers.

Feature References

KX-T7235 Display Features – Call Directory (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – Call Directory (4.4/Special Display Features)
System Speed Dialing (4.2/DPT Features, 5.2/Standard Telephone Features)

3.2 User Programming (Manager Programming) 002
System Speed Dialing Name Set

Description

Assigns names to the system speed dial numbers assigned in program [001] “System Speed Dialing Number Set”. The KX-T7431, KX-T7433, KX-T7436 and KX-T7235 show the stored name during System Speed Dialing.

Selection

- Speed dial number: **00 through 99**
- Name: **10 characters (max.)**

Default

All speed dial numbers – Not stored

Programming

1. Enter **002**.

```
Display: 002 SYS SPD NAME
```

2. Press **NEXT**.

```
Display: SPD Code?→
```

3. Enter a **speed dial number**.

To enter speed dial number 00, you can also press **NEXT**.

```
Display example: 00:Not Stored
```

4. Enter a **name**.

For entering characters, see “Station Speed Dialing Number/Name Assignment” in Section 2.2 “Station Programming”.
To delete the current entry, press **CLEAR**.
To change the current entry, press **CLEAR** and enter the new name.

5. Press **STORE**.

6. To program another speed dial number, press **NEXT** or **PREV**, or **SELECT** and the desired **speed dial number**.

7. Repeat steps 4 through 6.

8. Press **END**.

Conditions

- Speed dial numbers are programmed in program [001] “System Speed Dialing Number Set”.
- Each name has a maximum of 10 characters.

Feature References

KX-T7235 Display Features – Call Directory (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – Call Directory (4.4/Special Display Features)
System Speed Dialing (4.2/DPT Features, 5.2/Standard Telephone Features)

003 3.2 User Programming (Manager Programming) Extension Number Set

Description

Assigns an extension number to each extension.

Selection

- Jack number: **1 through 8 (-1 / -2)**
  (-1 = first part, -2 = second part)
- Extension Number: **2 to 4 digits**

Default

Jack 1-1 through 8-1 = 11 through 18;
Jack 1-2 through 8-2 = 21 through 28

Programming

1. Enter **003**.

```
Display: 003 EXT NUMBER
```

2. Press **NEXT**.

```
Display: Jack NO?→
```

3. Enter a **jack number**.

To enter jack number 1, you can also press **NEXT**.
To select the second part (-2), press **NEXT** after entering the jack number.

```
Display: #1-1:EXT11
```

4. Enter an **extension number**.

To change the current entry, press **CLEAR** and enter the new number.

5. Press **STORE**.

6. To program another jack, press **NEXT** or **PREV**, or **SELECT** and the desired **jack number**.

7. Repeat steps 4 through 6.

8. Press **END**.

Conditions

- There is a maximum of 16 extension numbers. Each extension number can be two, three, or four digits, consisting of **0 through 9**. The ✳ and # keys cannot be used.
- An extension number is invalid if the first or second digits do not match with the program [100] “Flexible Numbering, 1st through 16th hundred extension blocks” setting. If one digit is assigned as the leading digit, some extensions have two digits and some have three digits. If two digits are assigned, some have three digits and some have four digits.

- Two extension numbers can be assigned per jack. If eXtra Device Port (XDP) is disabled for the jack in program [600] "EXtra Device Port", the extension number of the second part (X-2) is not available. (X=jack number)
- For an explanation of jack numbering, see "Rotation of jack number" on page 3-5.
- A double entry or incompatible entry is invalid including the program [118] "Voice Mail Extension Number Assignment", [124] "Phantom Extension Number Assignment" and [813] "Floating Number Assignment". Valid entry examples are: 10 and 11; 10 and 110. Invalid entry examples are: 10 and 106; 210 and 21.
- Program [004] "Extension Name Set" is used to name the extension numbers.

Feature References

Intercom Calling (4.2/DPT Features, 5.2/Standard Telephone Features)
KX-T7235 Display Features – Call Directory (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – Call Directory (4.4/Special Display Features)

004 3.2 User Programming (Manager Programming) Extension Name Set

Description

Assigns names to the extension numbers programmed in program [003] "Extension Number Set".

Selection

- Jack number: **1 through 8 (-1 / -2)**
  (-1 = first part, -2 = second part)
- Name: **10 characters (max.)**

Default

All jacks – Not stored

Programming

1. Enter **004**.

```
Display: 004 EXT NAME SET
```

2. Press **NEXT**.

```
Display: Jack NO?→
```

3. Enter a **jack number**.

To enter jack number 1, you can also press **NEXT**.
To select the second part (-2), press **NEXT** after entering a jack number.

```
Display: #1-1:Not Stored
```

4. Enter a **name**.

For entering characters, see "Station Speed Dialing Number/Name Assignment" in Section 2.2 "Station Programming".
To delete the current entry, press **CLEAR**.
To change the current entry, press **CLEAR** and enter the new name.

5. Press **STORE**.

6. To program another jack, press **NEXT** or **PREV**, or **SELECT** and the desired **jack number**.

7. Repeat steps 4 through 6.

8. Press **END**.

Conditions

- There is a maximum of 16 names. Each name has a maximum of 10 characters.
- Program [003] "Extension Number Set" is used to assign extension numbers.
- For an explanation of jack numbering, see "Rotation of jack number" on page 3-5.

Feature References

Intercom Calling (4.2/DPT Features, 5.2/Standard Telephone Features)
KX-T7235 Display Features – Call Directory (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – Call Directory (4.4/Special Display Features)

Section 4
DPT Features

Contents

4.1 Basic Operations **.....4-2**
Making Calls.....4-2
Receiving Calls.....4-4
4.2 DPT Features *(A - Z)* **.....4-5**
4.3 Operator / Manager Service Features **.....4-138**
4.4 Special Display Features **.....4-165**

<Note>
When setting “Idle Line Preference — Outgoing”, “No Line Preference — Outgoing” or “Prime (Outside Line) Preference”, it is **not** possible to have access to any DPT features after going off-hook. To access DPT features, press the INTERCOM button after going off-hook or press the INTERCOM button directly without going off-hook.

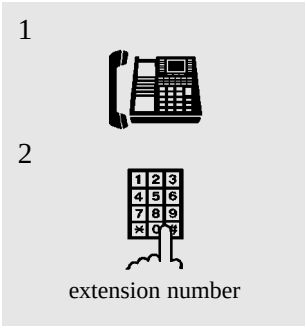
In this manual, the default feature numbers are used to describe each operation and illustration. Use the new programmed numbers if you have changed a number by System Programming.

All illustrations used in these operating instructions are based on model KX-T7235.

Making Calls

Intercom Calling

Allows you to make a call to another extension.

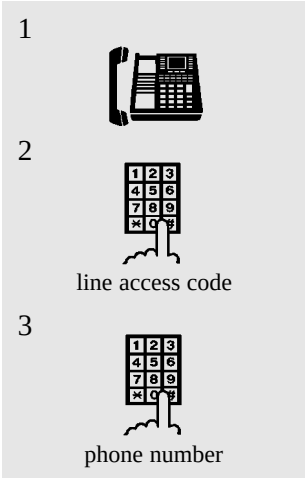


1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **extension number** or press the **DSS** button.

Outward Dialing

Allows you to make a call to an outside party using one of the following line access methods.

1.) Line Access, Automatic
2.) Line Access, Individual



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **line access code** (9 or 81 through 83) or press a **CO** button.
   - 9 : Line Access, Automatic
   - CO or 81 through 83 : Line Access, Individual
3. Dial the **phone number**.

Conditions

- There are four types of Line Preference for outgoing calls (— Idle Line/No Line/Prime Outside Line/Prime INTERCOM Line). Each preference can be selected by Station Programming.
- When using a KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute the "Intercom Calling" feature to extensions by using the "Extension Dialing" display feature.
- Helpful hints for the Handsfree (speakerphone) operation are noted in the "Handsfree Operation" feature.

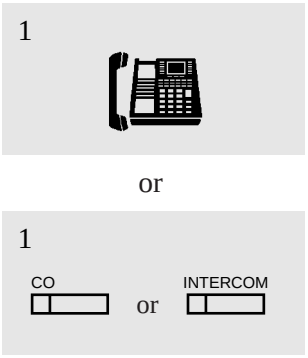
Programming References

- Station Programming (Section 2)
  Preferred Line Assignment — Outgoing

Feature References

Handsfree Operation
Intercom Calling
KX-T7235 Display Features – Call Directory (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – Call Directory (4.4/Special Display Features)
Outward Dialing, Line Access

Receiving Calls



1. Lift the **handset** or press the **SP-PHONE** button.

or

1. Press a flashing **CO** or **INTERCOM** button directly.
   - The CO or INTERCOM indicator light turns steady green.

Conditions

- There are three types of Line Preference for incoming calls (— No Line/Prime Outside Line/Ringing Line). Each preference can be selected by Station Programming.
- Helpful hints for the Handsfree (speakerphone) operation are noted in the “Handsfree Operation” feature.

Programming References

- Station Programming (Section 2)
  Preferred Line Assignment — Incoming
- System Programming — Installation Manual
  [400] Outside Line Connection Assignment
  [603]–[604] DIL 1:N Extension and Delayed Ringing — Day / Night

Feature References

Answering, Direct Outside Line
Handsfree Operation

Absent Message Capability

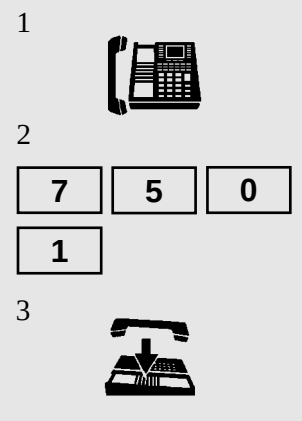
Allows you to show the reason for your absence, if the calling extension uses a Panasonic proprietary telephone with a display.
This way the caller will know when you can be reached. You can choose one of nine messages. If required, any message can be changed by System Programming.

Message No.	Message
1	Will Return Soon
2	Gone Home
3	At Ext %% └── Extension number
4	Back at %%:%% └── Minute └── Hour
5	Out until %%/%% └── Day └── Month
6	In a Meeting
7	—
8	—
9	—

Note: Enter the desired value in the "%" space. You must make an entry in all of the %s using 0 through 9, # or ✳.

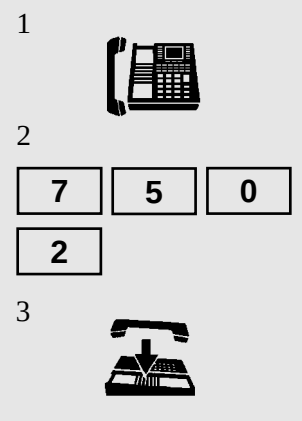
Setting

Message 1. "Will Return Soon"



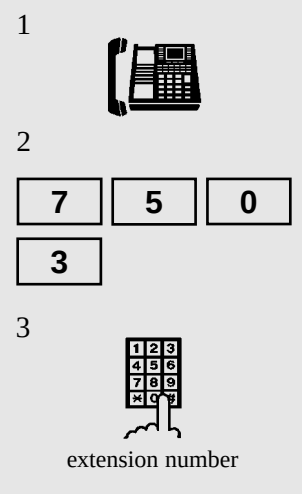
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and **1**.
   - You hear a confirmation tone and then a dial tone.
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Message 2. "Gone Home"



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and **2**.
   - You hear a confirmation tone and then a dial tone.
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

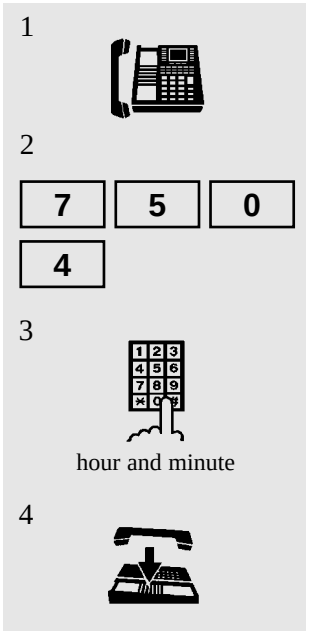
Message 3. "At Ext %%" (extension number)



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and **3**.
3. Dial the **extension number** where you will be.
   - You hear a confirmation tone and then a dial tone.

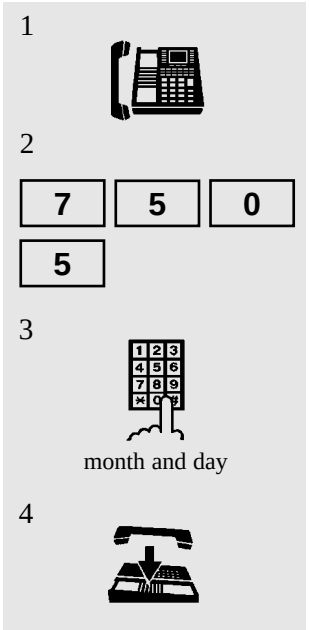
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Message 4. "Back at %% : %%" (time)



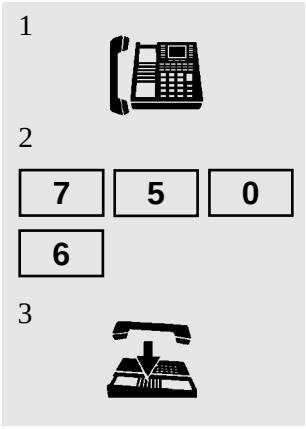
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and **4**.
3. Enter the **hour** (00 through 23) and **minute** (00 through 59).
   - You hear a confirmation tone and then a dial tone.
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Message 5. "Out until %% / %%" (month/day)



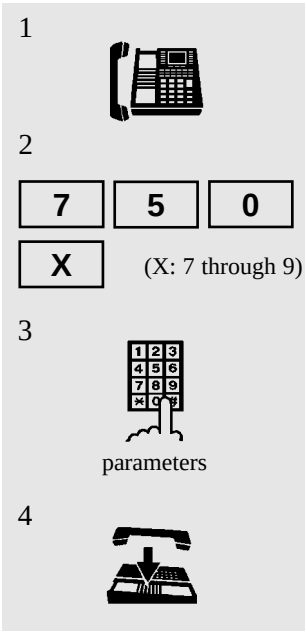
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and **5**.
3. Enter the **month** (01 through 12) and **day** (01 through 31).
   - You hear a confirmation tone and then a dial tone.
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Message 6. "In a Meeting"



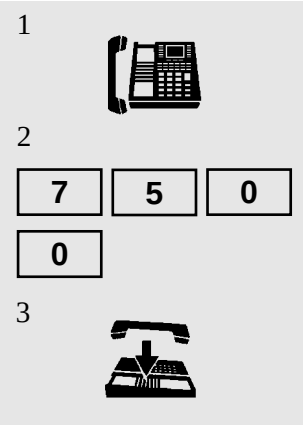
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and **6**.
   - You hear a confirmation tone and then a dial tone.
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Messages 7, 8 and 9. (Programmable)



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and the **desired message number** (7 through 9).
3. Enter the **parameters** (extension number, time, month/day, etc.), if required.
   - You hear a confirmation tone and then a dial tone.
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Canceling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (750) and **0**.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `Message Cancel`
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- To confirm the set message, go off-hook. You will see it on the display.
- Regarding Message 3;
  1) If the extension number you want to enter has more than the number of "%" characters, refer to System Programming to change the setting.
  2) If the extension number you want to enter has less than the number of "%" characters, fill the remaining "%" characters with "#" or "✳".
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

Programming References

- System Programming — Installation Manual
  [008] Absent Messages

Feature References

KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

Account Code Entry

An Account Code is used to identify outside calls for accounting and billing purposes. The account code is appended to the "Station Message Detail Recording (SMDR)" call record. For incoming outside calls, account codes are not required. For outgoing outside calls, account codes are often required. You can enter account codes in the following three modes:

Verified - All Calls mode: You must always enter the specified account code.

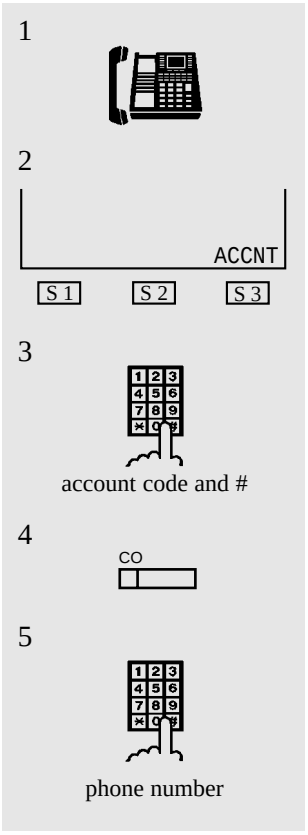
Verified - Toll Restriction Override mode: You may enter the specified account code so that you can override toll restriction.

Option mode: You may enter any account code.

One mode is selected for each extension on a "Class of Service*[1]" basis.

Soft Button Operation

Entering account codes before dialing



1. Lift the **handset** or press the **SP-PHONE** button.

2. Press the **ACCNT** (S3) button.
   - You hear an intermittent tone.*[2]
   - The display shows:

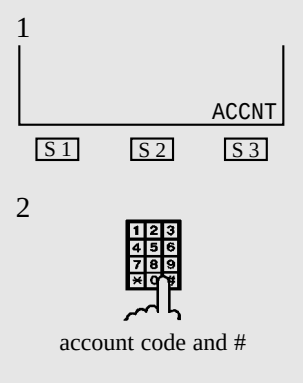
     `Enter ACCNT Code`

3. Enter the **account code** and **#**.
   - You hear a dial tone.

4. Press a **CO** button or enter the **line access code** (9 or 81 through 83).

5. Dial the **phone number**.

Entering account codes during or after a conversation

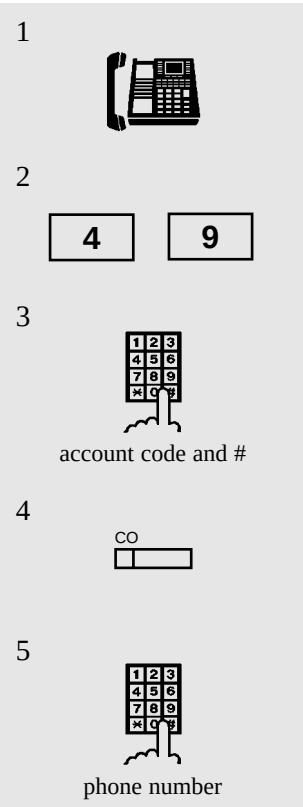


During a conversation or while hearing a reorder tone after the other party hangs up (within 15 seconds);

1. Press the **ACCNT** (S3) button.
   - You can keep talking.
2. Enter the **account code** and **#**.

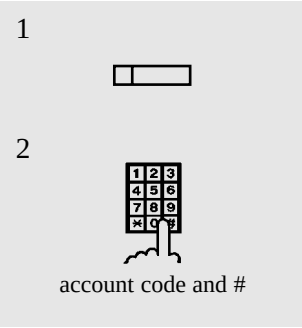
Standard Operation

Entering account codes before dialing



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (49), or press the **flexible button** which is assigned as the **Account** button.
   - If you dial a feature number, a tone is not returned.
   - If you press the Account button, you hear an intermittent tone*[2].
   - The corresponding indicator lights when using the Account button.
3. Enter the **account code** and **#**.
   - The corresponding indicator light turns off when using the Account button.
   - You hear a confirmation tone and then a dial tone.
4. Press a **CO** button or enter the **line access code** (9 or 81 through 83).
5. Dial the **phone number**.

Entering account codes during or after a conversation



During a conversation or while hearing a reorder tone after the other party hangs up (within 15 seconds);

1. Press the **flexible button** which is assigned as the **Account** button.
   - The corresponding indicator lights when using the Account button.
   - You can keep talking.
2. Enter the **account code** and **#**.
   - The corresponding indicator light turns off when using the Account button.

Conditions

- In Verified - All Calls mode, you must always enter a pre-assigned account code when making any of the following calls unless it has previously been stored in memory.
  a) Call Forwarding — to Outside Line
  b) Manual Dialing (Selecting an outside line)
  c) One-Touch Dialing
  d) Pickup Dialing (Hot Line)
  e) Redial, Last Number
  f) Redial, Saved Number
  g) Station Speed Dialing
  h) System Speed Dialing
- In Option mode, it is possible to record a calling or called party's account code in the SMDR, during a conversation or within fifteen seconds after the other party hangs up.
- There is no need for an account code entry when receiving incoming calls.
- Pressing "✳" while entering an account code allows you to clear the number and re-enter.
- Pressing the flexible button assigned as the Account button while entering an account code cancels the entry.
- An account code can be up to ten numeric digits (0 through 9). FLASH or FLASH/RCL, PAUSE, etc. are not allowed. After entering an account code, the delimiter "#" or "99" must be entered.
- An account code can be stored into Memory Dialing ("One-Touch Dialing", "Pickup Dialing (Hot Line)", "System/Station Speed Dialing", "Call Forwarding — to Outside Line"). The sequence to enter an account code into Memory Dialing is as follows:

  — [Feature Number] [Account Code] [#] [Line Access Code] [Phone Number]

  or

  — [Feature Number] [Account Code] [99] [Line Access Code] [Phone Number]

- If an entered account code does not match the pre-assigned account code, in the verified-all calls mode or the verified-toll restriction override mode;
  1) When making an outside call, a reorder tone is returned.
  2) During a conversation, the code entry is accepted and the call is maintained (= Option mode).
  3) After a CPC signal*3 has been detected, the code entry is accepted (= Option mode).
- If you use an account code which is for a private call, the phone number of the destination is not recorded on SMDR.

Programming References

- Station Programming (Section 2)
  Flexible CO Button Assignment — Account Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)
- System Programming — Installation Manual
  [105] Account Codes
  [508] Account Code Entry Mode
  [601] Class of Service

Feature References

Station Message Detail Recording (SMDR) (→ see Installation Manual)
Toll Restriction Override by Account Code Entry

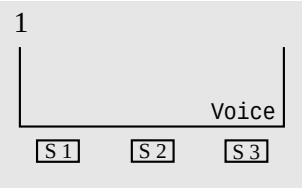
*1 Class of Service (COS) is used to define the features which are allowed for a group of extensions. For more details, please consult with your dealer.
*2 One of the dial tones. Refer to the "Tone List" in the Appendix (Section 7).
*3 A Calling Party Control (CPC) signal is an on-hook indication sent from an outside line when the other end hangs up. You hear a reorder tone when this signal is detected.

Alternate Calling — Ring / Voice

Allows you to select ring or voice calling when making an intercom call. In Ring-Calling mode, you can call the other party with a ring tone. While in Voice-Calling mode, you can talk to the other party immediately after a confirmation tone.

Soft Button Operation

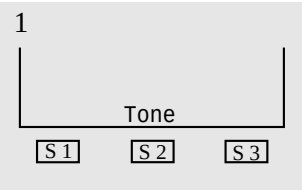
Alternating (to Voice-Calling mode)



If the called extension is set to Ring-Calling mode, you hear a ringback tone.

1. Press the **Voice** (S3) button.
   - You hear a confirmation tone when it is changed to Voice-Calling mode.

Alternating (to Ring-Calling mode)

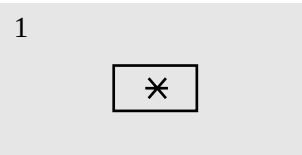


If the called extension is set to Voice-Calling mode, you hear a confirmation tone.

1. Press the **Tone** (S2) button.
   - You hear a ringback tone when it is changed to Ring-Calling mode.

Standard Operation

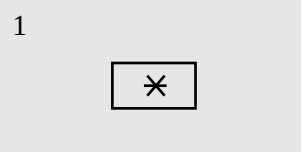
Alternating (to Voice-Calling mode)



If the called extension is set to Ring-Calling mode, you hear a ringback tone.

1. Press ✳.
   - You hear a confirmation tone when it is changed to Voice-Calling mode.

Alternating (to Ring-Calling mode)



If the called extension is set to Voice-Calling mode, you hear a confirmation tone.

1. Press ✳.
   - You hear a ringback tone when it is changed to Ring-Calling mode.

Conditions

- The extension user can select by Station Programming whether he/she wants to be alerted by ringing or voice-calling when they receive a call. The default is Ring-Calling mode.
- You can switch the desired calling mode only once during a call.
- If the party you are calling is using a standard telephone, only Ring-Calling mode is available.

Programming References

- Station Programming (Section 2)
  Intercom Alert Assignment

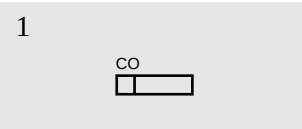
Feature References

Handsfree Answerback

Answering, Direct Outside Line

Allows you to answer an outside call by pressing a CO button. You do not have to lift the handset or press the SP-PHONE/MONITOR button.

To answer an incoming outside call



1. Press the **CO** button which is rapidly flashing red.
   - The indicator light turns green and a handsfree conversation is established.

Conditions

- Specify the line that is to be connected when multiple incoming outside calls arrive at the same time.
- There are two types of CO buttons: Loop-CO (L-CO) button and Single-CO (S-CO) button. These can be assigned to flexible buttons by Station Programming.

Programming References

- Station Programming (Section 2)

  Flexible CO Button Assignment — Loop-CO (L-CO) Button, Single-CO (S-CO) Button

  (System Programming — [005] (Installation Manual) can be used for this assignment.)

  Preferred Line Assignment — Incoming

Feature References

Handsfree Operation

Automatic Callback Busy (Camp-On)

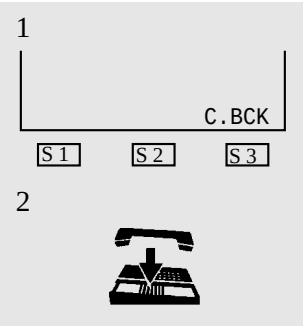
Allows you to set to receive callback ringing when the dialed line becomes idle. When you answer the callback ringing;

For an extension: The called extension starts ringing without dialing.

For an outside line: The line is seized.

Soft Button Operation

Setting

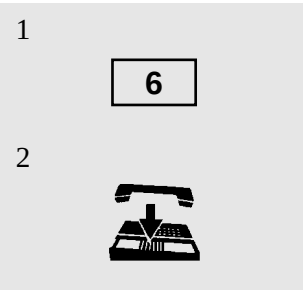


If you make a call and hear a busy tone;

1. Press the **C.BCK** (S3) button.
   - You hear a confirmation tone and then a reorder tone.
2. **Hang up** or press the **SP-PHONE** button.
   - Wait until your telephone rings back.

Standard Operation

Setting



If you make a call and hear a busy tone;

1. Dial **6**.
   - You hear a confirmation tone and then a reorder tone.
   - The display shows:

     <Example>

     `Callback Extxx`

     Extension number
2. **Hang up** or press the **SP-PHONE/MONITOR** button.
   - Wait until the telephone rings back.

Answering an intercom recall

If you hear the telephone ringing;

- The display shows:

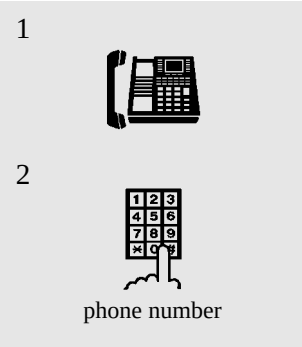
  <Example>

  `xx: Free`

  Extension number

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
   - You hear a ringback tone and the called extension rings automatically.

Answering an outside line recall



If you hear the telephone ringing;

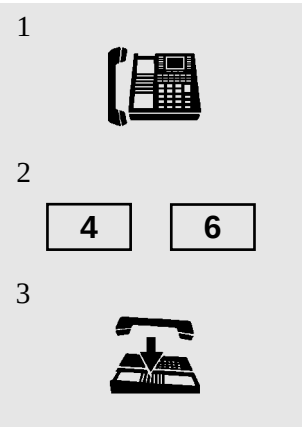
- The display shows:
  <Example>

```
COx:  Free
```

outside line number

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
   - You hear a dial tone.
2. Dial the **phone number** of the outside party.

Canceling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (46).
   - You hear a confirmation tone and then a dial tone.
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- If you do not answer before four callback ring signals (within 10 seconds), this feature will be canceled.
- If the called extension becomes busy again after the callback ringing starts, the ringing stops but this feature will be executed again when the extension becomes free.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can cancel this feature using the display operation.

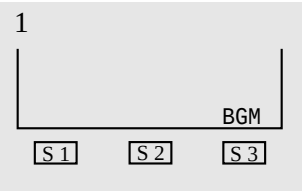
Feature References

KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

Background Music (BGM)

You can listen to background music through the built-in speaker of the telephone. An external music source, such as a radio, must be connected. The music stops whenever a call comes in or when you go off-hook.

Soft Button Operation



When the handset is on the cradle and the SP-PHONE button is off;

1. Press the **BGM** (S3) button.
   - To turn off the BGM, press this button again.

Standard Operation

Setting / Canceling

When the handset is on the cradle and the SP-PHONE/MONITOR button is off;

1. Dial **1**.
   - The display shows either of the following for five seconds depending on whether BGM is on or off:

     BGM On

     or

     BGM Off

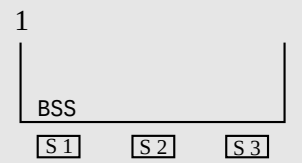
Programming References

- System Programming — Installation Manual
  [803] Music Source Use
  [990] System Additional Information, Field (20)

Busy Station Signaling (BSS)

The busy extension that you called will hear three beeps and know that you are waiting.

Soft Button Operation



If you make an intercom call and hear a busy tone;

1. Press the **BSS** (S1) button.
   - Wait for an answer and talk.

Standard Operation

If you make an intercom call and hear a busy tone;

1. Dial **1**.
   - Wait for an answer and talk.

Conditions

- To answer the signal from the calling extension, see “Call Waiting” in this manual.
- If “BSS” is not displayed or you hear a reorder tone when you set this feature, this feature will not be set at the called party. This feature is only available if the called extension has set the “Call Waiting” feature.
- Depending on the party’s telephone, the “Off-Hook Call Announcement (OHCA)” or “Whisper OHCA” function can be applied. You can talk to the party through the speaker and the microphone while the party is having another conversation using the handset.

Feature References

Call Waiting
Off-Hook Call Announcement (OHCA)
Whisper OHCA

Call Forwarding — SUMMARY

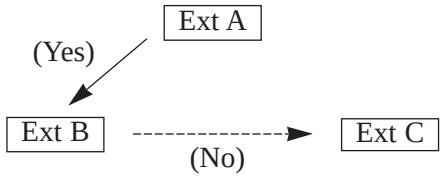
Automatically transfers incoming calls to another extension or to an external destination. The following types are available:

Type	Description
Call Forwarding — All Calls	All incoming calls are forwarded to another extension.
Call Forwarding — Busy	All incoming calls are forwarded to another extension when your extension is busy.
Call Forwarding — No Answer	All incoming calls are forwarded to another extension when you do not answer the call.
Call Forwarding — Busy/No Answer	All incoming calls are forwarded to another extension when you do not answer or when your extension is busy.
Call Forwarding — to Outside Line	All incoming calls are forwarded to an outside line.
Call Forwarding — Follow Me	Allows you to set the "Call Forwarding — All Calls" feature from another extension.

Note: You can also set Voice Mail as the forwarding destination. Refer to "Voice Mail Integration" in this manual.

Conditions

- To cancel Call Forwarding features, refer to "Call Forwarding — CANCEL" in this manual.
- Call Forwarding can only be extended to one target telephone. For example, extension A is forwarded to extension B, and extension B is forwarded to extension C. A call to extension A is forwarded to extension B, but the call would not be forwarded to extension C. Consequently, extension B is treated as the final destination of Call Forwarding.



- Setting a new "Call Forwarding" function (All Calls, Busy, Busy/No Answer, etc.) cancels any other "Call Forwarding" functions.

- A floating extension such as a DISA (Direct Inward System Access) or external pager cannot be programmed as a forwarding destination.
- Two extensions can set each other as the destination extension. In this case, an intercom call to the other party while he/she is absent will not be forwarded back to the original extension.
- Confirmation tone 2 (two beeps) is sent when the previously programmed data is same as the new data. If it is not, confirmation tone 1 (one beep) is sent. Refer to the "Tone List" in the Appendix (Section 7).
- A flexible button on the KX-T7250 (no FWD/DND button provided) can be assigned as the FWD/DND button.
- You can call the original extension from the Call Forwarding destination extension. (Boss Secretary)
- Both the Call Forwarding and Do Not Disturb (DND) functions can be set at the same time, but cannot work at the same time.
- You can enable or disable the Call Forwarding or Do Not Disturb (DND) function by pressing the FWD/DND button while on-hook. If you set both Call Forwarding and DND, alternating the mode is also available by pressing the FWD/DND button. In this case, pressing the button changes the setting as follows:

  the most recent setting → the other setting → off

  The lighting patterns of the FWD/DND button are as follows:

  Off : Both functions are not set

  Red : DND mode

  Flashing red slowly: FWD mode
- With the KX-T7436 and KX-T7235, you can set or cancel the Call Forwarding features using the display operation.

Programming References

- Station Programming (Section 2)

  Flexible CO Button Assignment — FWD/DND Button

  (System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

Call Forwarding — CANCEL

Call Forwarding / Do Not Disturb (4.4/Special Display Features)

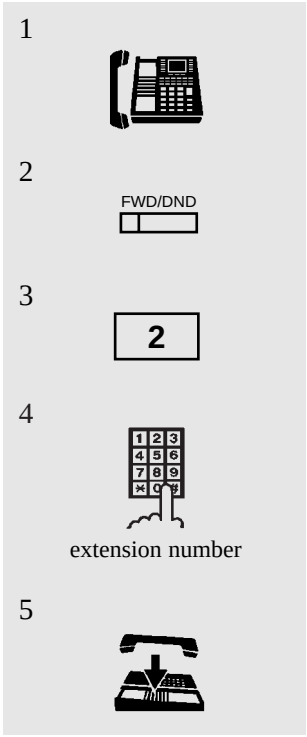
Do Not Disturb (DND)

Voice Mail Integration

Call Forwarding — All Calls

You can re-direct all of your calls to another extension.

Setting



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the **FWD/DND** button.
   - You may dial the feature number (710) instead.

3. Dial **2**.

4. Dial the **extension number** where you wish to forward the call.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:
     <Example>

     `FWD(All) Extxx`

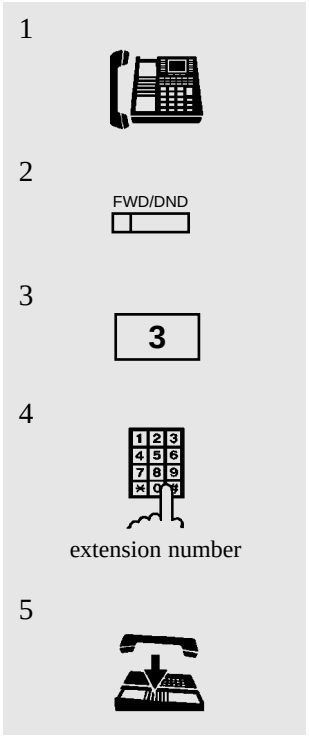
     Extension number where the call is to be forwarded
   - The FWD/DND indicator light flashes red slowly.

5. **Hang up** or press the **SP-PHONE/MONITOR** button.

Call Forwarding — Busy

You can forward calls to another extension when your extension is busy.

Setting



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the **FWD/DND** button.
   - You may dial the feature number (710) instead.

3. Dial **3**.

4. Dial the **extension number** where you wish to forward the call.
   - You hear a confirmation tone and then a dial tone.
   - The display shows.
     <Example>

     `FWD(BSY) Extxx`

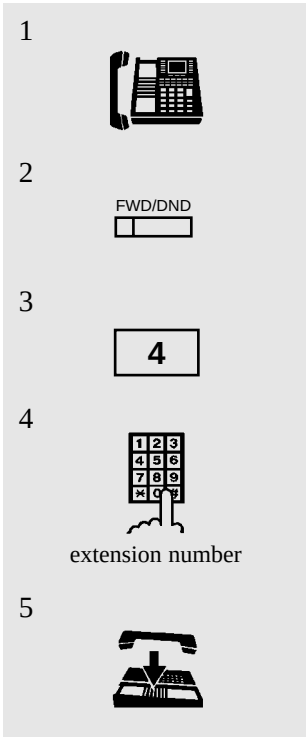
     Extension number where the call is to be forwarded
   - The FWD/DND indicator light flashes red slowly.

5. **Hang up** or press the **SP-PHONE/MONITOR** button.

Call Forwarding — No Answer

Your calls are forwarded to another extension when you do not answer the call within a pre-determined time.

Setting



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **FWD/DND** button.
   - You may dial the feature number (710) instead.
3. Dial **4**.
4. Dial the **extension number** where you wish to forward the call.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:
     <Example>

     FWD(NA) Extxx

     Extension number where the call is to be forwarded
   - The FWD/DND indicator light flashes red slowly.
5. **Hang up** or press the **SP-PHONE/MONITOR** button.

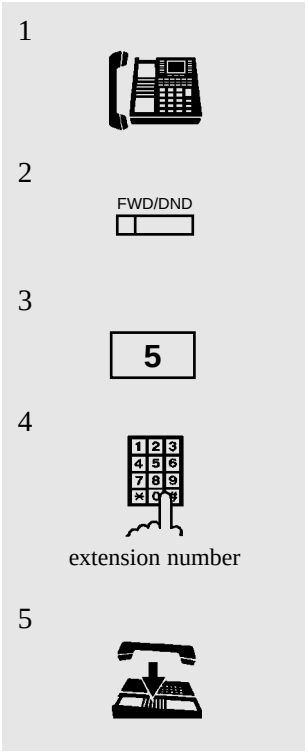
Programming References

- System Programming — Installation Manual
  [202] Call Forwarding — No Answer Time

Call Forwarding — Busy / No Answer

You can forward your calls to another extension when your extension is busy or you do not answer the call within a pre-determined time.

Setting



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **FWD/DND** button.
   - You may dial the feature number (710) instead.
3. Dial **5**.
4. Dial the **extension number** where you wish to forward the call.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:
     <Example>

     `FWD(B/NA)Extxx`

     Extension number where the call is to be forwarded
   - The FWD/DND indicator light flashes red slowly.
5. **Hang up** or press the **SP-PHONE/MONITOR** button.

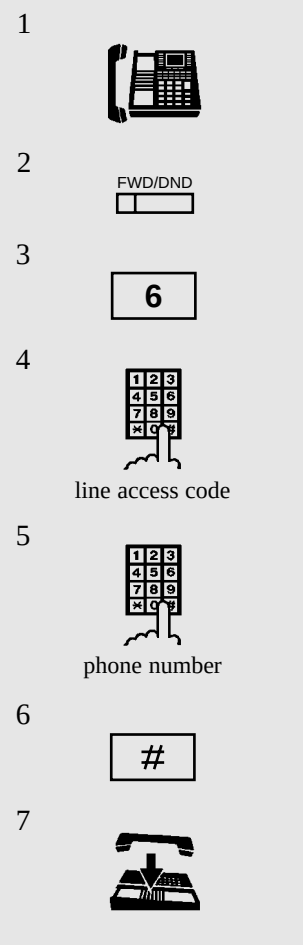
Programming References

- System Programming — Installation Manual
  [202] Call Forwarding — No Answer Time

Call Forwarding — to Outside Line

You can forward your calls to an external party.

Setting



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **FWD/DND** button.
   - You may dial the feature number (710) instead.
3. Dial **6**.
4. Dial the **line access code** (9 or 81 through 83).
5. Dial the **phone number** where you wish to forward the call.
6. Dial **#**.
   - You hear a confirmation tone and then a dial tone.

   <Example>

   When 2011234 is entered in step 5, the display shows:

   `FWD(CO) 92011234`
   - The FWD/DND indicator light flashes red slowly.
7. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- If an incoming outside call is forwarded to an outside line, the "Outside-to-Outside Line Call Duration Time" is applied to the call and the line will be disconnected when it expires (default: 10 min.).
- Up to sixteen digits (including the line access code) can be programmed.
- "Class of Service" programming determines the extensions that can perform this feature.

Programming References

- System Programming — Installation Manual
  - [206] Outside-to-Outside Line Call Duration Time
  - [504] Call Forwarding to Outside Line
  - [601] Class of Service

Call Forwarding — Follow Me

You can set the "Call Forwarding" feature from the destination extension. This is useful if you forget to set "Call Forwarding — All Calls" before you leave your desk.

Setting

1

2

3

4

your extension number

5

- at the destination extension;

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Press the **FWD/DND** button.
   - You may dial the feature number (710) instead.

3. Dial **7**.

4. Dial your **extension number**.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:
     <Example>

     ```
     FWD(From)Extxx
                  └── Your extension number
     ```

   - The FWD/DND indicator light flashes red slowly at your extension.

5. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- This feature can be canceled at your extension or at the destination extension.

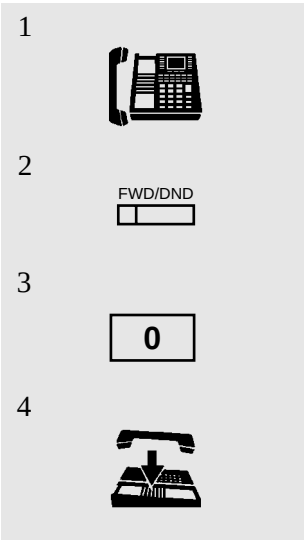
Programming References

- System Programming — Installation Manual
  [991] COS Additional Information

Call Forwarding — CANCEL

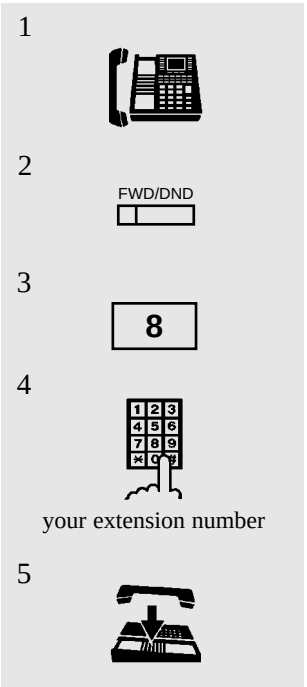
There are two canceling methods for "Call Forwarding". The canceling depends on the Call Forwarding type that has been assigned.

Canceling Call Forwarding at your (original) extension



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **FWD/DND** button.
   - You may dial the feature number (710) or press the flexible button assigned as the FWD/DND button instead.
3. Dial **0**.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:
     `FWD/DND  Cancel`
   - The FWD/DND indicator light turns off.
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Canceling Call Forwarding at the destination extension — "Follow Me (All Calls)" only



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **FWD/DND** button.
   - You may dial the feature number (710) or press the flexible button assigned as the FWD/DND button.
3. Dial **8**.
4. Dial *your* **extension number**.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:
     <Example>
     `FWD Cancel Exx`
     `                 x`
     your extension number
   - The FWD/DND indicator light turns off at your own extension.
5. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- With the KX-T7436 and KX-T7235, you can execute this feature using the display operation.

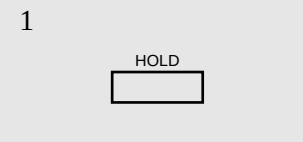
Feature References

Call Forwarding / Do Not Disturb (4.4/Special Display Features)

Call Hold

Allows you to place a call on hold.

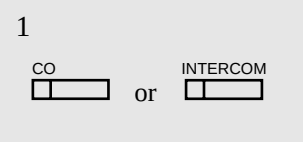
To place a call on hold



During a conversation;

1. Press the **HOLD** button.
   - The corresponding CO or INTERCOM indicator light flashes green slowly.
   - You hear a confirmation tone.
   - You may replace the handset.

Retrieving a call on hold



- at the holding extension;

1. Press the **CO** or **INTERCOM** button which is flashing green slowly.
   - The CO or INTERCOM indicator light turns steady green.

Conditions

- To retrieve a call on hold at another extension, refer to “Call Hold Retrieve” in this manual.
- If a held call is not retrieved within the specific period of time (default: 60 sec.), “Hold Recall” occurs.
- If a held outside call is not answered within thirty minutes, it is automatically disconnected.
- With outside calls, you can put multiple calls on hold. However, with intercom calls, you can put only one call on hold.

Programming References

- System Programming — Installation Manual
  [200] Hold Recall Time

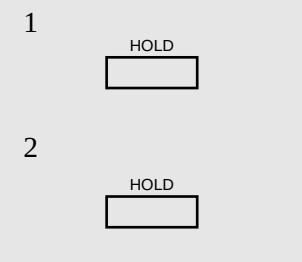
Feature References

Call Hold Retrieve
Hold Recall (→ see Installation Manual)

Call Hold, Exclusive

Prevents other extension users from retrieving your held call. Only the user who held the call can retrieve it.

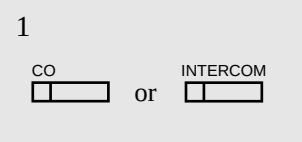
To place a call on exclusive hold



During a conversation;

1. Press the **HOLD** button.
   - The CO or INTERCOM indicator light flashes green slowly.
   - The current call is placed on hold.
2. Press the **HOLD** button again.
   - The CO or INTERCOM indicator light flashes green moderately.
   - The current call is placed on exclusive hold.

Retrieving a call on exclusive hold



1. Press the **CO** or **INTERCOM** button which is on exclusive hold.
   - The CO or INTERCOM indicator light turns steady green.
   - The held call is released.

Conditions

- If a held call is not retrieved within the specific period of time (default: 60 sec.), “Hold Recall” occurs, and turns “exclusive hold” into a simple “hold”.
- If an outside call is placed on hold and not retrieved in thirty minutes, it is automatically disconnected.
- With outside calls, you can put multiple calls on exclusive hold. However, with intercom calls, you can put only one call on exclusive hold.

Programming References

- System Programming — Installation Manual
  [200] Hold Recall Time

Feature References

Call Hold
Hold Recall (→ see Installation Manual)

Call Hold Retrieve

Allows you to retrieve a call that has been placed on hold by another extension.

Retrieving an outside call on hold

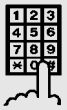
1

or

1

2

3



held outside line number

- at another extension;

1. Press the **CO** button whose indicator is flashing red slowly.
   - The CO indicator light turns steady green.

or

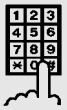
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (53).
3. Dial the held **outside line number** (1 through 3).
   - You hear a confirmation tone (optional).

Retrieving an intercom call on hold

1

2

3



holding extension number

- at another extension;

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (51).
3. Dial the holding **extension number**.
   - You hear a confirmation tone (optional).

Conditions

- A confirmation tone is audible when the call is retrieved by entering the feature number. Eliminating the tone is programmable.

Programming References

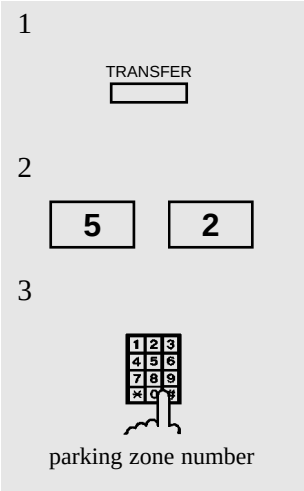
- System Programming — Installation Manual
  [990] System Additional Information, Field (16)

Feature References

Call Hold

Call Park

Allows you to place a held call into a system parking area. You can be released from the parked call to perform other operations. The parked call can be retrieved by any extension user. Up to ten calls can be parked.



During a conversation;

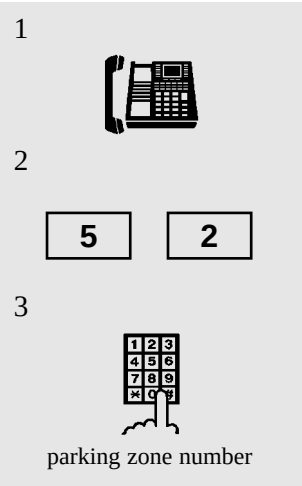
1. Press the **TRANSFER** button.
   - You hear a confirmation tone and then a dial tone.
2. Dial the **feature number** (52).
3. Dial a **parking zone number** (0 through 9).
   - You hear a confirmation tone and then a dial tone when the call is parked.
   - The display shows:

     `Call Parked at X`

     Parking zone number (0 through 9)
   - If you hear a busy tone, it indicates the specified parking zone is unavailable. The display shows:

     `Park at X N/A`
   - It is not necessary to redial the feature number to change the parking zone. Just enter the parking zone number while hearing the busy tone.

Retrieving a parked call



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (52).
3. Dial the **parking zone number** (0 through 9) where the call is parked.
   - You hear a confirmation tone (optional) and then you can talk to the party.
   - You will hear a reorder tone if there is no held call.
   - The display shows:

     `No Held Call`

Conditions

- If a parked call is not retrieved within the specific period of time (default: 12 rings), “Call Park Recall” occurs. If a parked call is an outside call, it is possible to select whether “Call Park Recall” will go to the initiating extension or to Operator 1 by System Programming. If a parked call is an intercom call, “Call Park Recall” will return to the initiating extension.
- If a parked call is not retrieved within thirty minutes, it is automatically disconnected.
- A confirmation tone is audible when a parked call is retrieved. Eliminating the tone is programmable.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

Programming References

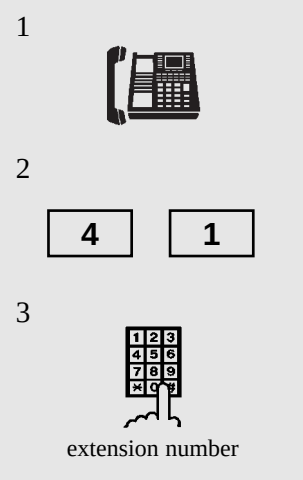
- System Programming — Installation Manual
  [219] Call Park Recall Time
  [990] System Additional Information, Fields (11), (16)

Feature References

KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

Call Pickup, Directed

Allows you to answer an incoming call ringing at any other extension.



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (41).
3. Dial the **extension number** where the call is ringing.
   - You hear a confirmation tone (optional).
   - You can talk to the caller.

Conditions

- Doorphone calls can be picked up from extensions that are not programmed to answer doorphone calls.
- If you receive a call waiting tone during a conversation, you may ask a third party to pick up your second call by Directed Call Pickup.
- A confirmation tone is audible when the call is picked up. Eliminating the tone is programmable.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

Programming References

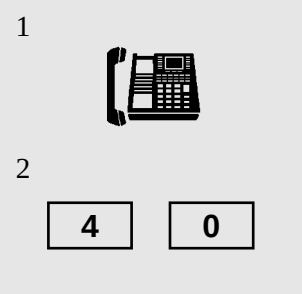
- System Programming — Installation Manual
  [990] System Additional Information, Field (16)

Feature References

Call Pickup Deny
KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

Call Pickup, Group

Allows you to answer a call that is ringing at another telephone within your extension group.



1. Lift the handset or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (40).
   - You hear a confirmation tone (optional).
   - You can talk to the caller.

Conditions

- You can pick up an incoming outside, intercom or doorphone call.
- If you receive a call waiting tone during a conversation, you may ask a third party to pick up your second call by Directed Call Pickup.
- A confirmation tone is audible when the call is picked up. Eliminating the tone is programmable.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

Programming References

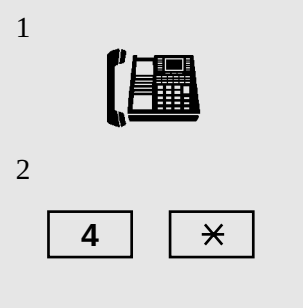
- System Programming — Installation Manual
  [602] Extension Group Assignment
  [990] System Additional Information, Field (16)

Feature References

Call Pickup Deny
Call Waiting
Extension Group (→ see Installation Manual)
KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

Call Pickup, Outside Line

Allows you to answer an incoming outside call that is ringing at another extension.



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.

2. Dial the **feature number** (4✳).
   - You hear a confirmation tone (optional).
   - You can talk to the caller.

Conditions

- If you receive a call waiting tone during a conversation, you may ask a third party to pick up your second call by Directed Call Pickup.
- A confirmation tone is audible when the call is picked up. Eliminating the tone is programmable.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

Programming References

- System Programming — Installation Manual
  [990] System Additional Information, Field (16)

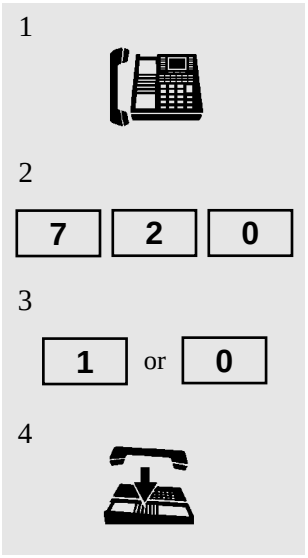
Feature References

Call Pickup Deny
Call Waiting
KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

Call Pickup Deny

Allows you to prevent another extension from picking up your calls with the “Call Pickup” feature.

Setting / Canceling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (720).
3. Dial **1** or **0**.
   - 1 : to set
   - 0 : to cancel
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `C.Pickup Deny` — (when setting)

     `C.Pickup Allow` — (when canceling)
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

Feature References

Call Pickup, Directed
Call Pickup, Group
Call Pickup, Outside Line
KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

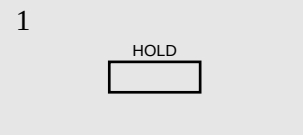
Call Splitting

Allows you to talk to two different parties alternately. If a call comes in while you are already on the line, you can place the current call on hold and have a conversation with another party.

Having a conversation while having another call on hold temporarily (Consultation Hold)*

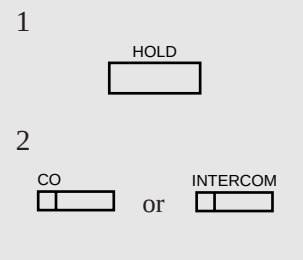
1. Press the **TRANSFER** button.
   - The first held call is released.
   - Pressing this button alternates between the callers.

Having a conversation while having an intercom call on (exclusive) hold



1. Press the **HOLD** button.
   - Pressing this button alternates between the callers.

Having a conversation while having another call on (exclusive) hold



1. Press the **HOLD** button.
2. Press the **CO** or **INTERCOM** button of the first held call.
   - Repeating these operations (Steps 1 and 2) alternates between the callers.

Conditions

- This feature does not work during a doorphone call or paging.

Feature References

Call Hold
Call Hold, Exclusive
Consultation Hold* (→ see Installation Manual)

* Consultation Hold places a call on hold temporarily to transfer it or makes a Conference call or Call Splitting.

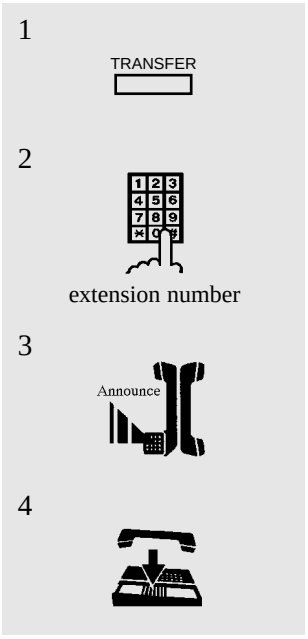
Call Transfer — to Extension

Allows you to transfer the call you received to another extension. There are two ways.

Screened Call Transfer: The destination confirms the transfer before you send it.

Unscreened Call Transfer: The line is released after transferring the call without confirmation.

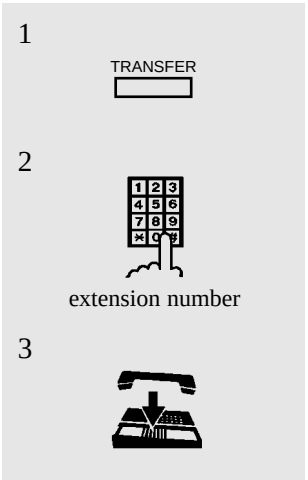
Screened Call Transfer



During a conversation;

1. Press the **TRANSFER** button.
   - The other party is placed on hold.
   - You hear a confirmation tone and then a dial tone.
2. Dial the **extension number** where the call will be transferred.
   - You hear a ringback tone.
3. **Wait** for an answer and **announce**.
4. **Hang up** or press the **SP-PHONE** button.
   - The call is transferred.

Unscreened Call Transfer



During a conversation;

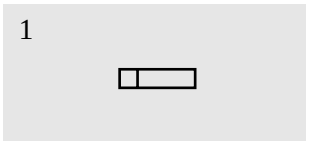
1. Press the **TRANSFER** button.
   - The other party is placed on hold.
   - You hear a confirmation tone and then a dial tone.
2. Dial the **extension number** where the call will be transferred.
   - You hear a ringback tone.
   - Ringing starts at the destination extension.
3. **Hang up** or press the **SP-PHONE** button.

Call Transfer using a DSS (Direct Station Selection) button

Allows you to perform a Screened or Unscreened Call Transfer by using a DSS button. There are two operations, depending on whether or not One-Touch Transfer* is set.

* **One-Touch Transfer** allows you to hold an outside call and transfer it to an extension by pressing one key. This feature provides automatic hold and transfer, without pressing the TRANSFER button. System Programming is required to use this function.

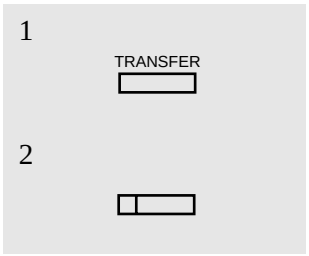
"One-Touch Transfer" mode enabled:



During a conversation;

1. Press the desired **flexible button** which is assigned as the **DSS** button.
   - The other party is placed on hold and the destination extension is called immediately.

"One-Touch Transfer" mode disabled:



During a conversation;

1. Press the **TRANSFER** button.
2. Press the desired **flexible button** which is assigned as the **DSS** button.

Conditions

- If you misdial, press the FLASH or FLASH/RCL button, and re-enter the number.
- If you want to return to the held call, press the TRANSFER button or corresponding CO or INTERCOM button before the destination extension answers.
- If the destination extension does not answer the call within twelve rings (default), "Transfer Recall" occurs. If the transferred call is an outside call, it is possible to select whether Transfer Recall will go to the initiating extension or to Operator 1 by System Programming.
- When "Transfer Recall" occurs, the display shows:
  <Example>
  ```
  RCL: Ext 13
  ```
- If there is no answer for thirty minutes after "Transfer Recall" starts, the line will be disconnected.
- A flexible CO button can be assigned as a DSS button.
- To use "One-Touch Transfer", System Programming is required.

Programming References

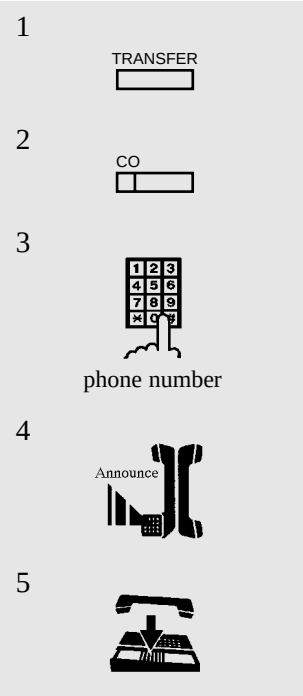
- Station Programming (Section 2)
  Flexible CO Button Assignment — Direct Station Selection (DSS) Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)
- System Programming — Installation Manual
  [108] Automatic Hold by CO / DSS Button
  [201] Transfer Recall Time
  [990] System Additional Information, Field (11)

Feature References

Transfer Recall (→ see Installation Manual)

Call Transfer — to Outside Line

Allows you to transfer the call you received to an external party.



During a conversation;

1. Press the **TRANSFER** button.
   - The other party is placed on hold.
   - You hear a confirmation tone and then a dial tone.
2. Press a **CO** button or dial the **line access code** (9 or 81 through 83).
3. Dial the **phone number** where calls will be transferred.
4. **Wait** for an answer and **announce**.
5. **Hang up** or press the **SP-PHONE** button.
   - The call is transferred.

Conditions

- If you misdial, press the FLASH or FLASH/RCL button, and re-enter the number.
- If you want to return to the held call, press the TRANSFER button or corresponding CO or INTERCOM button before the destination party answers.
- Execution of this feature is determined by the "Class of Service" assigned to the extension.
- If a call between two external parties is established, an alarm tone is sent to both parties fifteen seconds before the assigned duration time limit (default: 10 min.). "Hold Recall" is generated to the transferring extension fifty seconds before time out.
- If you want to join the conversation after transferring the call or while hold recall tone is sent, press the corresponding CO button. A conference call is established.

Programming References

- System Programming — Installation Manual
  [206] Outside-to-Outside Line Call Duration Time
  [503] Call Transfer to Outside Line
  [601] Class of Service

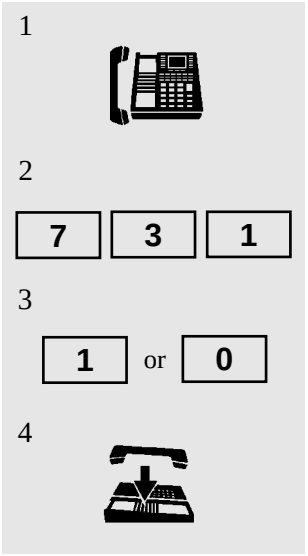
Feature References

Hold Recall (→ see Installation Manual)

Call Waiting

During a conversation, a Call Waiting tone informs you that there is a call waiting. You can answer the second call by disconnecting or placing the current call on hold.

Setting / Canceling

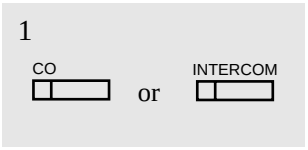


1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (731).
3. Dial **1** or **0**.
   - 1 : to set
   - 0 : to cancel
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `Call Waiting On` — (when setting)

     `Call Waiting Off` — (when canceling)
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

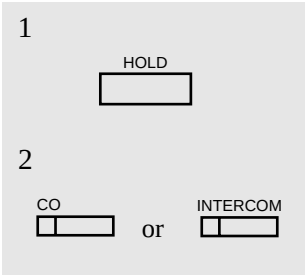
To talk to the new party by terminating the current call



While hearing the Call Waiting tone;

1. Press the flashing **CO** or **INTERCOM** button.
   - The current call is disconnected.
   - You can talk to the new caller.

To talk to the new party by holding the current call



While hearing the Call Waiting tone and the CO or INTERCOM indicator is flashing rapidly;

1. Press the **HOLD** button.
   - The current call is placed on hold.
2. Press the flashing **CO** or **INTERCOM** button.
   - You can talk to the new caller.

— If both the current call and new call are extension calls, you can skip step 2 and talk to the new caller.

Conditions

- A Call Waiting tone is generated at the extension under the following conditions.
  1) When an outside call is received, or
  2) When another extension executes the “Busy Station Signaling (BSS)” feature.
- If the called party has a telephone which can activate “Off-Hook Call Announcement (OHCA)”, this feature is overridden.
- Setting “Data Line Security” temporarily cancels this feature.
- You can change the desired Call Waiting tone (Tone 1 or Tone 2).
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can set or cancel this feature using the display operation.

Programming References

- Station Programming (Section 2)
  Call Waiting Tone Type Assignment

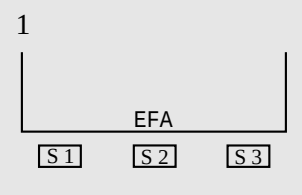
Feature References

Busy Station Signaling (BSS)
Data Line Security
KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)
Off-Hook Call Announcement (OHCA)

Call Waiting from Central Office

During a conversation, a Call Waiting tone offered by your Central Office signals you that there is a call waiting. You can respond to the call by placing the first call on hold.

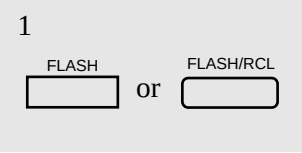
Soft Button Operation



While hearing a Call Waiting tone through the handset;

1. Press the **EFA** (S2) button.
   - The current call is placed on hold and you can talk to the new caller.

Standard Operation



While hearing a Call Waiting tone through the handset;

1. Press the **FLASH** or **FLASH/RCL** button.
   - The current call is placed on hold and you can talk to the new caller.

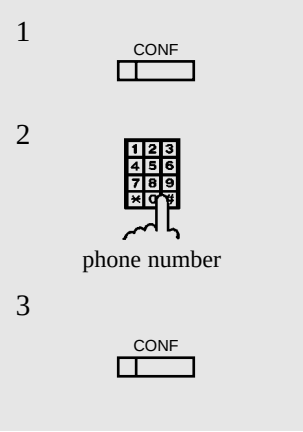
Conditions

- You can return to the original party by pressing the FLASH or FLASH/RCL or EFA (S2) button again.

Conference

During a two-party conversation, you can add a third party to make a three-party conference. The members of a conference on a line may be three extensions, one extension and two outside lines, or two extensions and one outside line.

To establish a conference



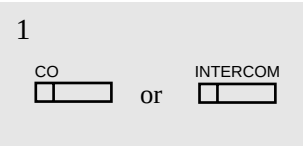
During a two-party conversation;

1. Press the **CONF** button.
   - The current party is placed on hold.
   - The CONF indicator light flashes red slowly.
2. Dial the **phone number** of the third party.
   - You must dial the line access code (9 or 81 through 83) as the leading digit, when calling an outside party.
3. Press the **CONF** button after the third party answers.
   - You hear a confirmation tone (optional).
   - The CONF indicator light turns steady red.
   - The corresponding CO or INTERCOM indicator light turns green.

To leave the conference

1. **Hang up** or press the **SP-PHONE** button.
   - The other two parties may continue their conversation.
   - If the other two parties are both outside lines, they will be disconnected.

To terminate one party and talk to the other

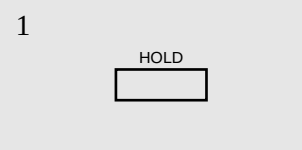


1. Press the **CO** or **INTERCOM** button of the party to remain connected.
   - You hear a confirmation tone (optional).
   - A conversation with the desired party is established and the other party is disconnected.

To talk to the original party while holding the third party

1. Press the **TRANSFER** button.
   - You hear a confirmation tone (optional).
   - If both of the other parties are extensions, the INTERCOM indicator light flashes green moderately.

To put both parties on hold



1. Press the **HOLD** button.
   - This feature is only available when at least one party is on an outside line.

Conditions

- Up to six conference calls are allowed simultaneously.
- A conference call can also be established by “Executive Busy Override” or “Privacy Release”.
- Pressing a CO button which is not in the conference, allows you to exit from the conference leaving the other two parties connected unless they are both outside lines. If the other parties are both outside lines, they will be disconnected.
- You can return to the original party before the third party answers by pressing the TRANSFER button.
- A flexible button on the KX-T7250 (no CONF button provided) can be assigned as the CONF button.
- When a two-party call is changed to a three-party call or vice versa, a confirmation tone is sent to all three parties. Eliminating the tone is programmable.

Programming References

- Station Programming (Section 2)
  Flexible CO Button Assignment — Conference (CONF) Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)
- System Programming — Installation Manual
  [990] System Additional Information, Field (13)

Feature References

Conference, Unattended
Executive Busy Override — Extension
Executive Busy Override — Outside Line
Privacy Release

Conference, Unattended

When you are in a conference with two outside parties, you can leave the three-party conference allowing the other two parties to continue their conversation.

To establish an Unattended Conference

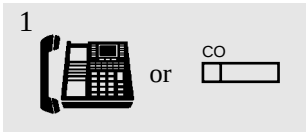
During a conversation with two outside parties;

1. Press the **CONF** button to leave the conference.
   - An outside-to-outside line call between the other two parties is established.

To return to the conference

1. Press the **CO** button flashing green moderately.

To answer Hold Recall (To return to the conference on the line)



While hearing Hold Recall;

1. Lift the **handset** or press the **SP-PHONE** button, or press the **CO** button whose indicator light is flashing green rapidly.

Conditions

- When an Unattended Conference is established, an alarm tone is sent to both outside parties fifteen seconds before the assigned duration time limit (default: 10 min.). "Hold Recall" is activated to the extension that leaves the conference fifty seconds before the time out. The call is disconnected at the time out unless the extension returns to the conference.
- If you are off-hook and hear "Hold Recall" during the Unattended Conference mode, the display flashes "CO 2 & CO 3", for example, for five seconds at fifteen second intervals.
- Whether an extension is able to establish a "Conference, Unattended" depends on the "Class of Service*" assignment.

Programming References

- System Programming — Installation Manual
  [206] Outside-to-Outside Line Call Duration Time
  [503] Call Transfer to Outside Line
  [601] Class of Service

Feature References

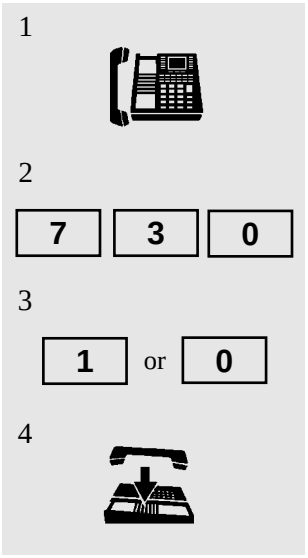
Conference
Hold Recall (→ see Installation Manual)

* Class of Service (COS) is used to define the features which are allowed for a group of extensions. For more details, please consult with your dealer.

Data Line Security

Your extension is protected against interruptions from the “Call Waiting”, “Hold Recall”, and “Executive Busy Override” features. Data communication devices, such as computers and facsimiles, operate uninterrupted.

Setting / Canceling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (730).
3. Dial **1** or **0**.
   - 1 : to set
   - 0 : to cancel
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `Data Mode On` — (when setting)

     `Data Mode Off` — (when canceling)
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- The “Privacy Release” feature can be activated.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can set or cancel this feature using the display operation.

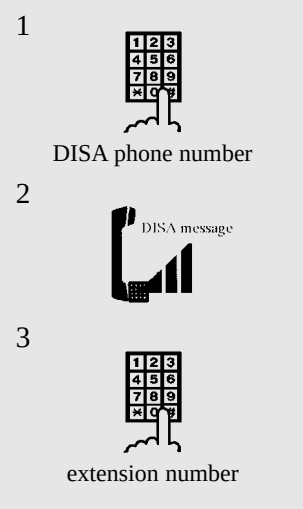
Feature References

Call Waiting
Executive Busy Override — Extension
Executive Busy Override — Outside Line
Hold Recall (→ see Installation Manual)
KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)
Privacy Release

Direct Inward System Access (DISA)

Allows an outside caller to access specific system features as if the caller is an extension in the system. A DISA outgoing message gives outside callers assistance, such as listing the extension numbers in the system.
You also have the option of dialing route for extension using a one digit number (DISA built-in auto attendant number) via DISA calls.

Calling an extension



1. Dial the **DISA phone number**.
   - You hear a ringback tone.
2. You hear the **DISA outgoing message**.
3. Dial the **extension number**.
   - You can dial the DISA built-in auto attendant number instead.
   - You hear a ringback tone.

Conditions

- When there is no answer for the incoming intercom call before the “Intercept Time” expires, “Intercept Routing” starts or the call will be disconnected after ten seconds.
- “Intercept Routing” starts five seconds after the DISA outgoing message is sent, if nothing has been dialed. The call is disconnected when the “No Answer Time” (default: 3 rings) expires, or when there is no destination for “Intercept Routing”.
- This system supports up to ten programmable DISA built-in auto attendant numbers. Each number must be one digit.

Programming References

- System Programming — Installation Manual
  [202] Call Forwarding — No Answer Time
  [203] Intercept Time
  [407]–[408] DIL 1:1 Extension — Day/Night
  [409]–[410] Intercept Extension — Day/Night

[813] Floating Number Assignment
[815] DISA Built-in Auto Attendant
[990] System Additional Information, Field (34)

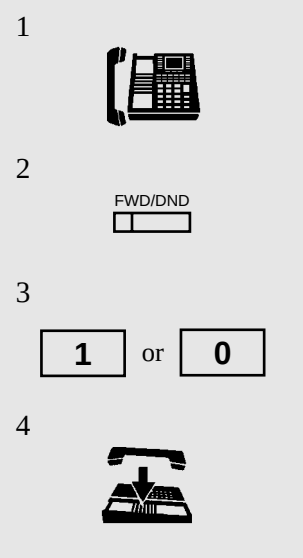
Feature References

Intercept Routing (→ see Installation Manual)
Outgoing Message (OGM) (4.3/Operator / Manager Service Features)

Do Not Disturb (DND)

Allows you to prevent other parties from disturbing you. Your extension will not receive intercom or outside calls.

Setting / Canceling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **FWD/DND** button.
   - You may dial the feature number (710) instead.
3. Dial **1** or **0**.
   - 1 : to set (The FWD/DND indicator lights)
   - 0 : to cancel (The FWD/DND indicator light turns off)
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `Do Not Disturb` — (when setting)

     `FWD/DND Cancel` — (when canceling)
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- A flexible button on the KX-T7250 (no FWD/DND button provided) can be assigned as the FWD/DND button.
- A calling extension that has “Do Not Disturb (DND) Override” enabled can override your extension when it is set to the “Do Not Disturb (DND)” mode.
- If the “Do Not Disturb (DND)” mode is set, you can still answer a call by pressing the CO button.
- DND also works for paging — group and an incoming call from a doorphone.
- Both the Call Forwarding and Do Not Disturb (DND) functions can be set at the same time, but cannot work at the same time.

- You can enable or disable the Call Forwarding or Do Not Disturb (DND) function by pressing the FWD/DND button while on-hook. If you set both Call Forwarding and DND, alternating the mode is also available by pressing the FWD/DND button. In this case, pressing the button changes the settings as follows:

  the most recent setting → the other setting → off

  The lighting patterns of the FWD/DND button are as follows:

  Off : Both functions are not set

  Red: DND mode

  Flashing red slowly: FWD mode
- With the KX-T7436 and KX-T7235, you can set or cancel this features using the display operation.

Programming References

- Station Programming (Section 2)

  Flexible CO Button Assignment — FWD/DND Button

  (System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

Call Forwarding

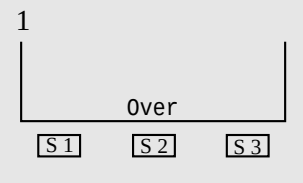
Call Forwarding / Do Not Disturb (4.4/Special Display Features)

Do Not Disturb (DND) Override

Do Not Disturb (DND) Override

Allows you to call an extension even though the "Do Not Disturb (DND)" feature is set. System Programming is required to use this feature.

Soft Button Operation



If you make an intercom call and hear a Do Not Disturb (DND) tone;

- The display shows:

<Example>

```
12:    DND
```

1. Press the **Over** (S2) button.
   - Wait for an answer.

Standard Operation

If you make an intercom call and hear a Do Not Disturb (DND) tone;

- The display shows:

<Example>

```
12:    DND
```

1. Dial **1**.
   - Wait for an answer.

Conditions

- If you hear a reorder tone after dialing 1, this means the "Do Not Disturb (DND) Override" feature is not set at your extension.
- "Class of Service" programming determines the extensions that can perform this feature.

Programming References

- System Programming — Installation Manual
  [507] Do Not Disturb Override
  [601] Class of Service

Feature References

Do Not Disturb (DND)

Doorphone Call

Allows you to have a conversation with a visitor at your doorphone. You can also unlock the door from your telephone.

Calling an extension from a doorphone

1

1. Press the **Doorphone** button.
   - The visitor hears a beep.
   - Wait for an answer and talk.

Answering a doorphone call

1

When you hear the doorphone ring tone at the extension;

1. Lift the **handset** or press the **SP-PHONE** button.

Calling a doorphone

1

2

3 **1**

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (31).
   - You can talk after you hear a confirmation tone.
   - The display shows:

     `Doorphone`

To unlock the door from an assigned extension

1

2

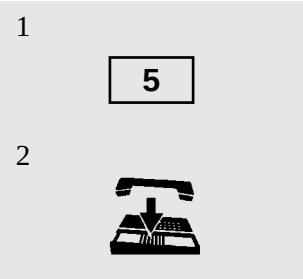
5 **5**

3

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (55).
   - You hear a confirmation tone.
   - The door is left unlocked for 5 seconds.
   - The display shows:

     `Door Open`
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

To unlock the door while talking to the doorphone from any extension



1. Dial **5**.
   - You hear a confirmation tone.
   - The door is left unlocked for 5 seconds.
   - The display shows:

     Door Open

2. **Hang up** or press the **SP-PHONE** button.

Conditions

- If you dial 5 again while the door is open, the door will stay open for another five seconds.
- If you do not answer an incoming doorphone call within thirty seconds, the call is canceled.
- You must program the extensions that can receive calls from each doorphone for day and night mode.
- It is possible for any extension user to call a doorphone.
- The door can be unlocked by the following:
  1) Extensions that are programmed to receive doorphone calls.
  2) Any extension that is engaged in a doorphone call.
- The door opener will open the door, even if a doorphone is not installed.
- While talking to a doorphone, you can unlock the door using the one-touch dialing button instead of dialing “5”. In this case, “5” must be stored in the one-touch dialing button by Station Programming.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can call a doorphone or open the door using the display operation.

Programming References

- Station Programming (Section 2)
  Flexible CO Button Assignment — One-Touch Dialing Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)
- System Programming — Installation Manual
  [607]–[608] Doorphone Ringing Assignment — Day/Night

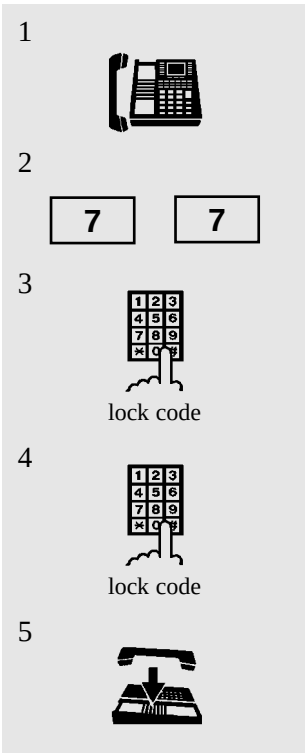
Feature References

KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

Electronic Station Lockout

Allows you to lock your extension so that other users cannot make outside calls from your extension.

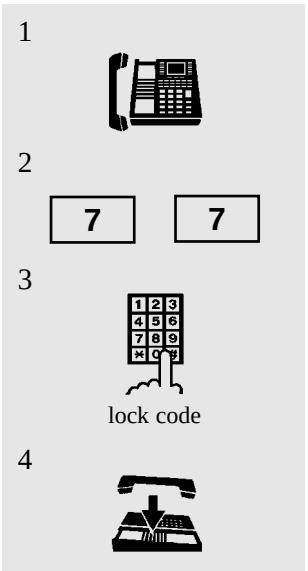
Locking



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (77).
3. Dial the **lock code** (000 through 999).
4. Dial the same **lock code** again.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `Locked NO. :xxx`
     Lock code
5. **Hang up** or press the **SP-PHONE/MONITOR** button.

Unlocking



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (77).
3. Dial the same **lock code** you used to lock the extension.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `Unlocked`
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- If another user tries to access an outside line from a locked extension, the user hears a reorder tone and “Restricted” is shown on the display.
- An extension assigned as an operator or manager can set and cancel this function for another extension (Remote Station Lock Control).
- “Remote Station Lock Control” overrides this feature. If the operator or manager sets Remote Station Lock on the extension you have already locked, you cannot unlock it.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

Feature References

KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)

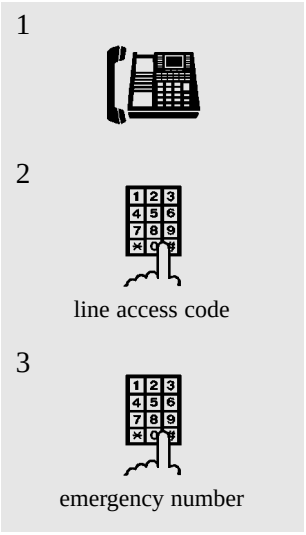
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

Remote Station Lock Control (4.3/Operator / Manager Service Features)

Emergency Call

Allows you to dial out a pre-assigned emergency number after seizing an outside line. Up to ten emergency dial numbers can be stored per system.

Dialing



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **line access code** (9 or 81 through 83).
   - You may press a CO button instead.
   - You hear a dial tone.
3. Dial the **emergency number**.

Conditions

- The emergency number “911” is already stored. System Programming is required to store other emergency numbers.
- An emergency call is allowed even in the following cases;
  — in Account Code – Verified (All Calls, Toll Restriction Override) mode
  — in any toll restriction level
  — in Electronic Station Lockout
- If your telephone is connected to a host PBX, you must dial the host PBX line access code after step 2.

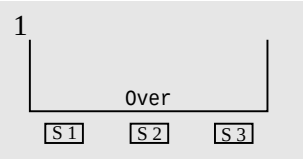
Programming References

- System Programming — Installation Manual
  [334] Emergency Dial Number Set

Executive Busy Override — Extension

Allows you to connect to an existing intercom (extension) call.

Soft Button Operation



If you make an intercom call and while hearing a busy tone;

1. Press the **Over** (S2) button.
   - You hear a confirmation tone (optional).
   - A three-party conference is now established.

Standard Operation

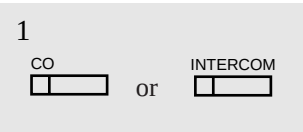
If you make an intercom call and while hearing a busy tone;

1. Dial **2**.
   - You hear a confirmation tone (optional).
   - A three-party conference is now established

To leave the conference

1. **Hang up** or press the **SP-PHONE** button.
   - The other two parties continue their conversation.

To terminate one party and talk to the other



1. Press the **CO** or **INTERCOM** button of the party to remain connected.
   - You hear a confirmation tone (optional).

Conditions

- This feature does not work when “Data Line Security” or “Executive Busy Override Deny” is set at either or both of the other parties.
- “Class of Service” programming determines the extensions that can enable this feature.
- When a two-party call is changed to a three-party call or vice versa, a confirmation tone is sent to all three parties. Eliminating the tone is programmable.

Programming References

- System Programming — Installation Manual
  - [505] Executive Busy Override
  - [601] Class of Service
  - [990] System Additional Information, Field (13)

Feature References

Conference
Data Line Security
Executive Busy Override Deny

Executive Busy Override — Outside Line

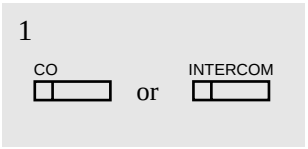
Allows you to connect to an existing outside call or add a third party to your existing conversation.

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **CO** button corresponding to the call you want to enter.
   - You hear a confirmation tone (optional).
   - A three-party conference is now established.

To leave the conference

1. **Hang up** or press the **SP-PHONE** button.
   - The other two parties continue their conversation.

To terminate one party and talk to the other



1. Press the **CO** or **INTERCOM** button of the party to remain connected.
   - You hear a confirmation tone (optional).

Conditions

- This feature does not work when “Data Line Security” or “Executive Busy Override Deny” is set at the extension engaged in the existing outside call.
- “Class of Service” programming determines the extensions that can enable this feature.
- When a two-party call is changed to a three-party call or vice versa, a confirmation tone is sent to all three parties. Eliminating the tone is programmable.

Programming References

- System Programming — Installation Manual
  - [505] Executive Busy Override
  - [601] Class of Service
  - [990] System Additional Information, Field (13)

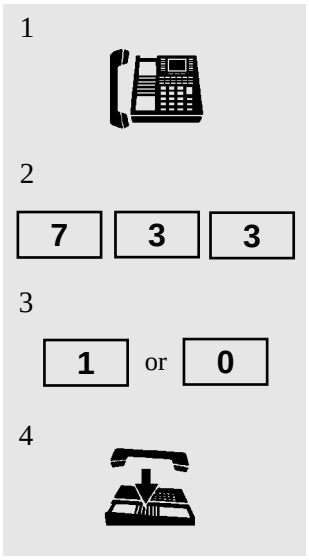
Feature References

Conference
Data Line Security
Executive Busy Override Deny

Executive Busy Override Deny

Allows you to prevent other extension users from interrupting your conversation.

Setting / Canceling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (733).
3. Dial **1** or **0**.
   - 1 : to set
   - 0 : to cancel
   - You hear a confirmation tone.
   - The display shows:

     `Busy Ovrde Deny` — (when setting)

     `Busy Ovrde Allow` — (when canceling)
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- "Class of Service" programming determines the extensions that can enable this feature.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

Programming References

- System Programming — Installation Manual
  [506] Executive Busy Override Deny

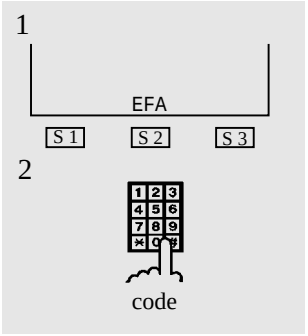
Feature References

Executive Busy Override — Extension
Executive Busy Override — Outside Line
KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

External Feature Access

Allows you to access special features (e.g., Call Waiting) offered by a host PBX, Centrex or Central Office. This feature is effective only during an outside call. You can access the feature by using either the FLASH or FLASH/RCL button or the feature number.

Soft Button Operation

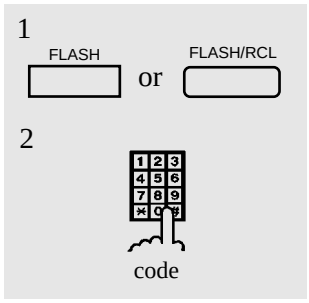


During a conversation with an outside party;

1. Press the **EFA** (S2) button.
2. Dial the **code** of the desired service.

Standard Operation

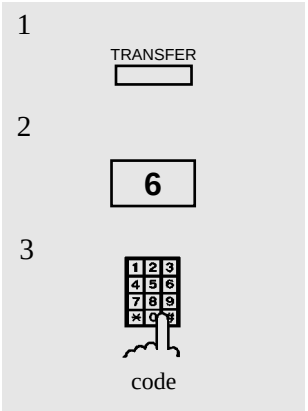
Using the FLASH or FLASH/RCL button



During a conversation with an outside party;

1. Press the **FLASH** or **FLASH/RCL** button.
   - The current call is placed on hold.
2. Dial the **code** of the desired service.

Using the feature number



During a conversation with an outside party;

1. Press the **TRANSFER** button.
   - The current call is placed on hold.
2. Dial the **feature number** (6).
3. Dial the **code** of the desired service.

Conditions

- The “Flash Time” must be assigned as required by the Centrex, host PBX, or CO line.
- A FLASH stored in “System Speed Dialing”, “Station Speed Dialing” or “One-Touch Dialing” functions as this feature, **not** as the “Flash” feature used to disconnect the calls.

Programming References

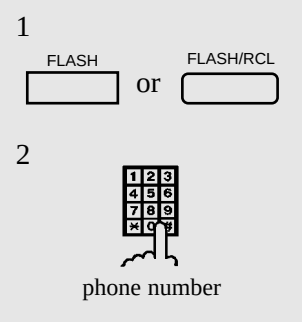
- System Programming — Installation Manual
  [413] Flash Time
  [990] System Additional Information, Field (3)

Feature References

Flash

Flash

Allows you to disconnect the current call and make another call without hanging up.



While hearing any tone, dialing, or talking;

1. Press the **FLASH** or **FLASH/RCL** button.
   - You hear a dial tone.
2. Dial the **phone number**.

Conditions

- A disconnection signal must be selected by System Programming in order to execute this feature.

Programming References

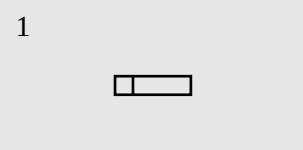
- System Programming — Installation Manual
  [414] Disconnect Time
  [990] System Additional Information, Field (3)

Feature References

External Feature Access

Full One-Touch Dialing

The handsfree speakerphone is automatically activated. You can enter a phone number or access a system feature with the touch of a button.



1. Press the **flexible button** assigned as the **One-Touch Dialing**, **DSS**, **REDIAL**, or **SAVE** button.
   - The SP-PHONE indicator light turns red.
   - The CO or INTERCOM indicator light turns green.

Conditions

- This feature must be initially assigned through Station Programming.

Programming References

- Station Programming (Section 2)
  Flexible CO Button Assignment — Direct Station Selection (DSS) Button, One-Touch Dialing Button, SAVE Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)
  Full One-Touch Dialing Assignment

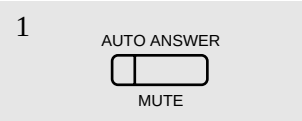
Feature References

One-Touch Dialing
Redial, Last Number
Redial, Saved Number

Handset Microphone Mute

Allows you to turn off the handset microphone so you can consult privately with others in the room. You will still be able to hear the other party.
This feature is only available for KX-T7400 series telephone users.

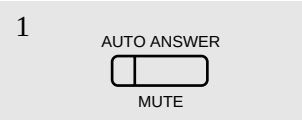
Setting



During a conversation using the handset

1. Press the **AUTO ANSWER/MUTE** button.
   - The AUTO ANSWER/MUTE indicator light flashes red slowly.

Canceling



When handset microphone mute is established

1. Press the **AUTO ANSWER/MUTE** button.
   - The AUTO ANSWER/MUTE indicator light turns off.

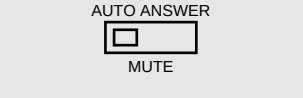
Conditions

- This feature is only available during a conversation with the handset.

Handsfree Answerback

Allows you to answer an intercom call without lifting the handset.

Setting



When the SP-PHONE and the AUTO ANSWER/MUTE indicator is off;

1. Press the **AUTO ANSWER/MUTE** button.
   - The AUTO ANSWER/MUTE indicator lights on.

Canceling

When the AUTO ANSWER/MUTE indicator is on;

1. Press the **AUTO ANSWER/MUTE** button.
   - The AUTO ANSWER/MUTE indicator light turns off.

Conditions

- This feature overrides the “Alternate Calling — Ring/Voice” feature. A handsfree conversation mode is established as soon as a confirmation tone is sent.
- This feature does not work for incoming outside calls or doorphone calls.
- When an outside call is transferred to your extension, this feature is overridden and a ringing tone is heard.
- This feature is not available with the KX-T7250 because it is not provided with the AUTO ANSWER/MUTE button.

Feature References

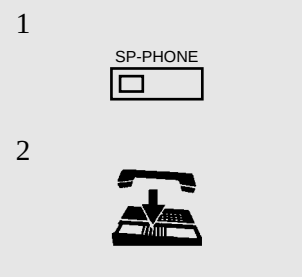
Alternate Calling — Ring/Voice

Handsfree Operation

Allows you to dial and to talk to the other party without lifting the handset.

1. Press the **SP-PHONE** button.
   - The microphone and the speaker are now activated and the handsfree operation is available.

Switching from the handset to handsfree mode



1. Press the **SP-PHONE** button.

2. **Hang up**.
   - Do not replace the handset without pressing the SP-PHONE button, or the line will be disconnected.

Switching from handsfree to the handset mode

1. Lift the **handset**.

Conditions

- Helpful hints for Handsfree operation:
  - — Use this unit in a quiet room for best performance.
  - — If the other party has difficulty hearing you, decrease the volume.
  - — If you and the other party speak at the same time, parts of your conversation will be lost. To avoid this, speak alternately.
- The handsfree mode is canceled if you do not start dialing within ten seconds.
- The KX-T7250 has a MONITOR button instead of a SP-PHONE button. It can be used for handsfree dialing, etc., but it cannot be used for a handsfree conversation.
- You can enable handsfree mode by pressing a CO or INTERCOM button.
- When “Full One-Touch Dialing” is enabled, pressing an One-Touch Dialing, DSS (Direct Station Selection), REDIAL or SAVE button provides the handsfree mode.

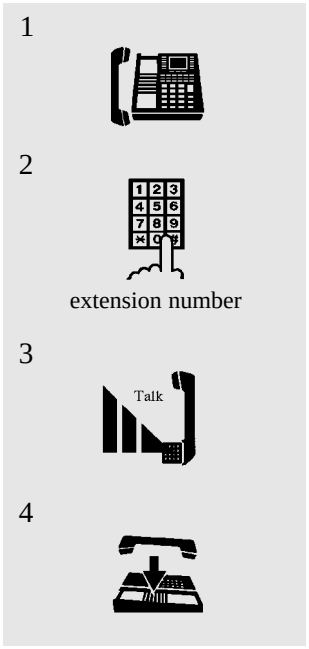
Feature References

Full One-Touch Dialing

Intercom Calling

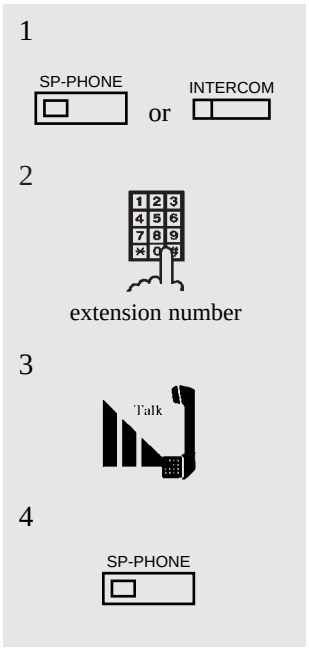
Allows you to make a call to another extension.

Using the handset



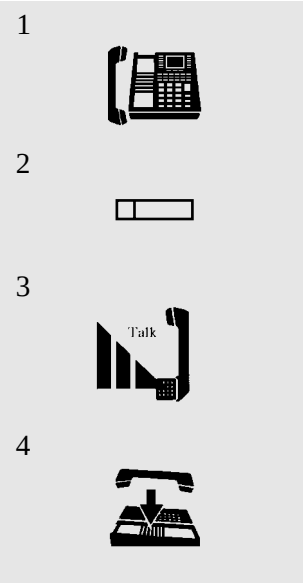
1. Lift the **handset**.
2. Dial the **extension number**.
3. Start **talking**.
4. **Hang up** after of the conversation is completed.

Using the Speakerphone



1. Press the **SP-PHONE/MONITOR** or **INTERCOM** button.
2. Dial the **extension number**.
3. Start **talking**.
4. Press the **SP-PHONE** button the conversation is completed.

Using a DSS (Direct Station Selection) button



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **flexible button** which is assigned as the **DSS** button.
3. Start **talking**.
4. **Hang up** or press the **SP-PHONE** button after the conversation is completed.

Conditions

- An extension number and a name, if programmed, are shown on the display PT during an intercom call.
- You can assign a DSS button on a proprietary telephone (PT) through Station Programming.
- After dialing an extension number, you will hear one of the following tones:

  Ringback tone: Indicates the destination extension is being called.

  Confirmation tone: Indicates you can perform voice calling (e.g. Paging).

  Busy tone: Indicates the destination extension is busy.

  Do Not Disturb (DND) tone: Indicates the destination extension has set the “Do Not Disturb (DND)” feature.

Programming References

- Station Programming (Section 2)

  Flexible CO Button Assignment — Direct Station Selection (DSS) Button

  (System Programming — [005] (Installation Manual) can be used for this assignment.)
- User Programming (Section 3) / System Programming (Installation Manual)

  [003] Extension Number Set

  [004] Extension Name Set

Live Call Screening (LCS)†

While a caller is leaving a message in your mailbox, you can monitor the message. If desired, you can answer the call while monitoring. There are two methods available. In both modes, if you are currently having a conversation, you will hear a Call Waiting tone.

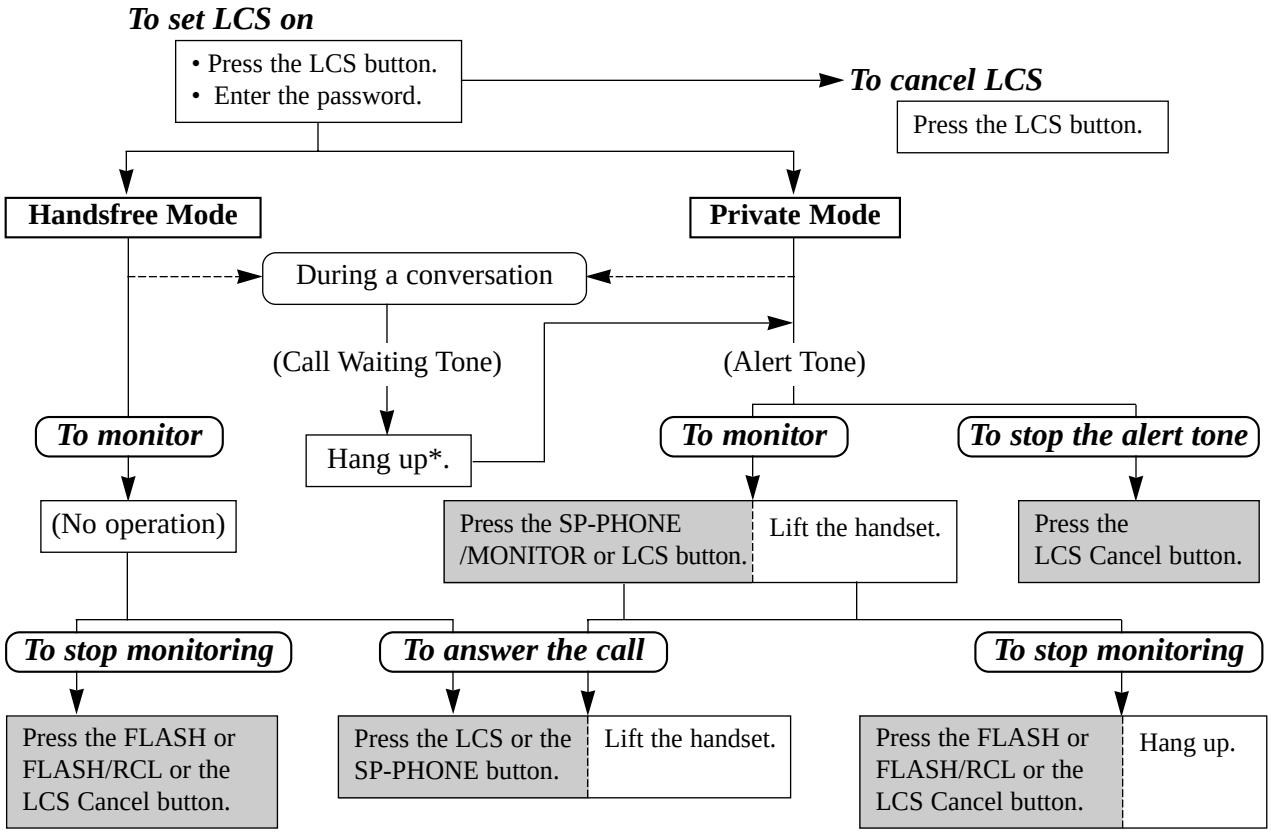
Hands-free mode: You can monitor a message automatically through the telephone speaker at the same time.

Private mode: You will hear an alert tone while the caller is leaving a message.

Preparation

- Assign the Live Call Screening (LCS) button (Station Programming)
- Select the mode, either Hands-free or Private (Station Programming)
- Set the Password
- Set the LCS feature

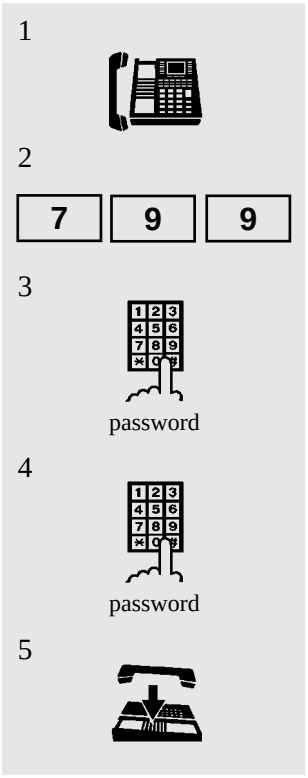
Flowchart of the Live Call Screening (LCS) Feature



- *: To hold the current call temporarily, press the HOLD button.
  To return to the held call, press the CO button whose indicator light flashes green slowly.
- The shaded areas are for the Handsfree operation.

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

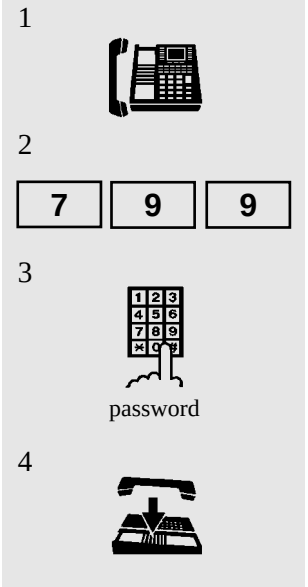
Setting the password



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (799).
3. Enter the **password** (000 through 999).
4. Enter the same **password** again.
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `Password: xxx` — (xxx: password)
5. **Hang up** or press the **SP-PHONE/MONITOR** button.
   (To change your password, you must follow the instructions below for "Canceling the password".)

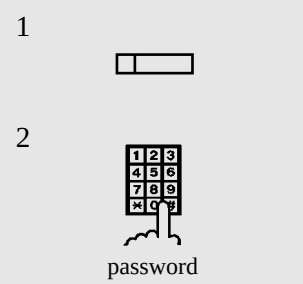
Canceling the password



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (799).
3. Enter the **password** (000 through 999).
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `Password Cancel`
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Setting Live Call Screening



When the telephone is idle and on-hook;

1. Press the **flexible button** which is assigned as the **Live Call Screening** button.
   - The display shows:

     LCS

2. Enter the **password** (000 through 999).
   - The Live Call Screening indicator light turns red.

Canceling Live Call Screening

When the telephone is idle and on-hook;

1. Press the **flexible button** which is assigned as the **Live Call Screening** button.
   - The Live Call Screening indicator light turns off.

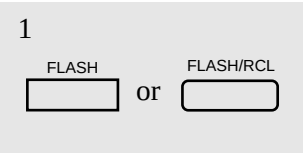
In the Hands-free mode;

When callers are connected to your voice mailbox, the message recording is monitored automatically through your extension speaker. While monitoring in the Hands-free mode, the Live Call Screening indicator light flashes green slowly.

Having a conversation with a party

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button, or press the **Live Call Screening** button.
   - The Live Call Screening indicator light turns red from flashing green slowly.
   - In the Keep Recording mode, the Two-Way Record indicator turns on. Pressing the Two-Way Record button cancels the recording and the light turns off.

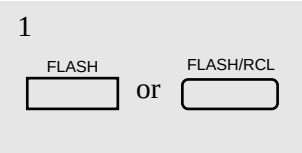
Stopping the monitoring



1. Press the **FLASH** or **FLASH/RCL** button or the **Live Call Screening Cancel** button.
   - The Live Call Screening indicator light turns red from flashing green slowly.

In the Private mode;

Stopping the alert tone



1. Press the **FLASH** or **FLASH/RCL** button or the **Live Call Screening Cancel** button.

Monitoring the message recording

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button, the flashing **Live Call Screening** button or the **INTERCOM** button.
   - To stop monitoring, hang up, press the **FLASH** or **FLASH/RCL** button or the Live Call Screening Cancel button can be also used to stop monitoring.

Talking to the party

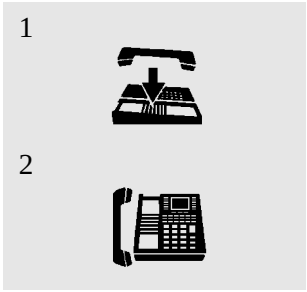
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button or the flashing **Live Call Screening** button.

During a conversation with another party;

When the extension user is having a conversation, the call waiting tone is sent. The Live Call Screening indicator light flashes green rapidly.

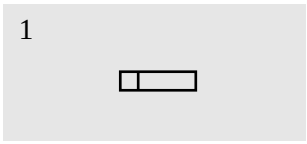
- If you want to terminate the current call

Monitoring



1. **Hang up** or press the **SP-PHONE/MONITOR** button.
   - An alert tone is sent.
2. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
   - Monitoring begins.

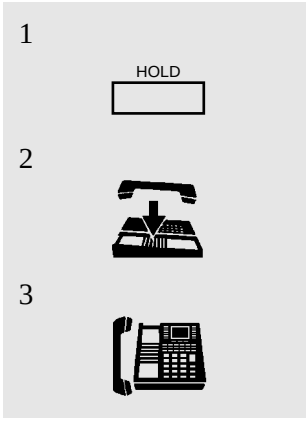
Having a conversation with a party



1. Press the flashing **Live Call Screening** button.

- If you want to hold the current call

Monitoring



1. Press the **HOLD** button.
2. **Hang up** or press the **SP-PHONE/MONITOR** button.
   - An alert tone is sent.
3. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
   - Monitoring begins.

Having a conversation with the party

1. Press the flashing **Live Call Screening** button.

Conditions

- A flexible CO button can be assigned as a Live Call Screening button.
- The Live Call Screening indicator shows the feature status as follows:
  Red (steady) .....The Live Call Screening mode is on.
  Off .....The Live Call Screening mode is off.
  Flashing green slowly .....Live Call Screening is active.**
  Flashing green rapidly.....An alert tone is ringing in the Private mode.**
  ** The DSS button indicator lights red steady while Live Call Screening is active.
- The Two-Way Record indicator shows the feature status as follows:
  On.....Recording the conversation.
  Off .....Not recording.
- The operator and the manager can clear a password at any extension.
- During the Keep Recording mode, if you want to stop recording the conversation, press the Two-Way Recording button.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can assign the password using the display operation.

Programming References

- Station Programming (Section 2)
  Flexible CO Button Assignment — Live Call Screening Button, Live Call Screening (LCS) Cancel Button, Two-Way Record Button
  (System Programming — [005] can be used for this assignment.)
  Live Call Screening Mode Set
- System Programming
  [610] Live Call Screening Recording Mode Assignment

Feature References

KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)
Live Call Screen Password Control (4.3/Operator / Manager Service Features)

Lockout

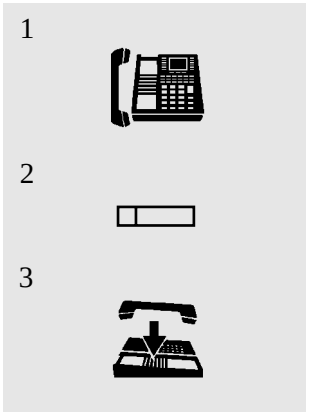
If one party in a conversation goes on-hook, they are both disconnected from the speech path automatically. A reorder tone is sent to the off-hook party before it is disconnected. No operation is necessary.

Log-In / Log-Out

Allows you to assign the Log-In mode or Log-Out mode within a hunting, ring or UCD (Uniform Call Distribution) group. When in the Log-Out mode, you can leave the group temporarily, preventing hunting calls from being sent to your extension. The lighting patterns of the Log-In / Log-Out button and status are as follows.

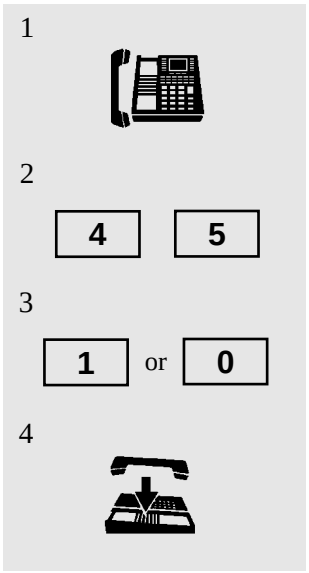
Off : Log-In mode
Red : Log-Out mode
Flashing red moderately : Calls in an UCD queue

Log-In / Log-Out (Using the Log-In / Log-Out button)



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **flexible button** which is assigned as the **Log-In / Log-Out** button.
   - You hear a confirmation tone and then a dial tone.
   - The indicator light turns off in Log-In mode or turns steady red in Log-Out mode.
3. **Hang up** or press the **SP-PHONE/MONITOR** button.

Log-In / Log-Out (Using the feature number)



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (45).
3. Dial **1** or **0**.
   - 1 : for Log-In mode
   - 0 : for Log-Out mode
   - You hear a confirmation tone and then a dial tone.
   - The display shows:

     `Log-in`

     or

     `Log-out`
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Conditions

- The Log-In / Log-Out button can be assigned to a flexible CO button.
- The default is “Log-In” mode.
- There should be at least one extension that is in the Log-In mode.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

Programming References

- Station Programming (Section 2)
  Flexible CO Button Assignment — Log-In / Log-Out Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)

Feature References

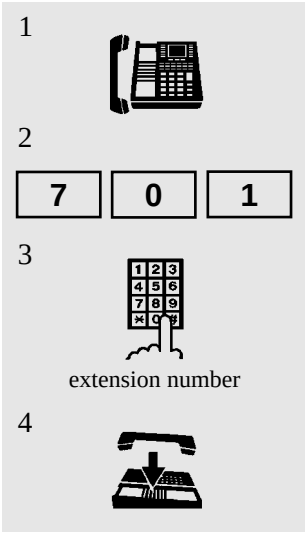
KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)
Station Hunting (→ see Installation Manual)
Uniform Call Distribution (UCD)

Message Waiting

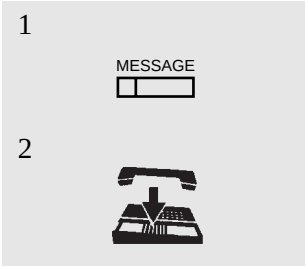
When the called extension is busy or does not answer your call, you can leave a notification so that the called party may call you back.

As a message receiver, the MESSAGE button light and an indication tone which you will hear when going off-hook let you know that a call has been received. If you receive notification, you can call back the original party with a simple operation.

Setting



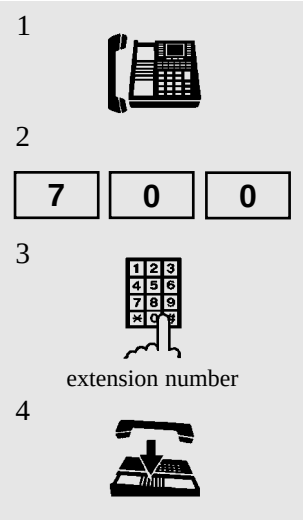
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (70) and **1**.
3. Dial the **extension number** where calls will be left.
   - You hear a confirmation tone and then a dial tone.
4. **Hang up** or press the **SP-PHONE/MONITOR** button.



If the called extension is busy or does not answer;

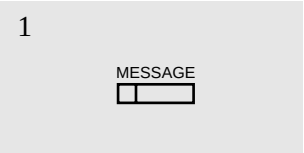
1. Press the **MESSAGE** button.
   - You hear a confirmation tone and then a dial tone.
2. **Hang up** or press the **SP-PHONE/MONITOR** button.

Canceling



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (70) and **0**.
3. Dial the **extension number** where you left a message.
   - You hear a confirmation tone and then a dial tone.
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Checking and Selecting a message notification by the receiver



If there is any message, the message waiting lamp (MESSAGE indicator) light will be on.
When the telephone is idle and on-hook;

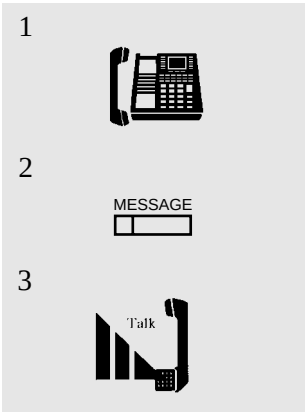
1. Press the **MESSAGE** button repeatedly until the desired message appears.
   - The stored messages are shown on the display in the order they were received.

     <Example>

     When Tony at extension 12 left a message, the display shows:

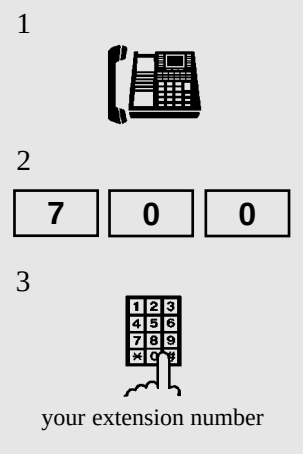
     ```
     12:Tony
     ```

Calling back the message notification sender



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
   - You hear dial tone 4*.
2. Press the **MESSAGE** button or dial the **feature number** (70) and **2**.
   - If you have more than one message at your extension, the line connects to the message sender which you select.
3. Start **talking**.
   - The message is cleared after the conversation.

Clearing all message notifications by the message receiver



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
   - You hear dial tone 4*.
2. Dial the **feature number** (70) and **0**.
3. Dial *your (message receiver's)* **extension number**.
   - All messages are cleared.

Conditions

- The system supports a maximum of 16 simultaneous messages. If you try to set the 17th message, you will hear a reorder tone.
- A flexible button on the KX-T7250 (no MESSAGE button provided) can be assigned as the MESSAGE button.
- If the MESSAGE button is neither provided nor assigned, dial tone 4* after going off-hook informs you of a message waiting. For standard telephone users, a special ring tone can be provided as notification.
- If multiple message notifications are left at your extension, call back is executed in the order received.
- If you select a specific message to call back, call back is executed in the order received, starting with the one selected.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can set or cancel this feature using the display operation.

Programming References

- Station Programming (Section 2)
  Flexible CO Button Assignment — Message Waiting (MESSAGE) Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)
- System Programming — Installation Manual
  [216] Message Waiting Ring Interval Time
  [990] System Additional Information, Fields (9), (40)

Feature References

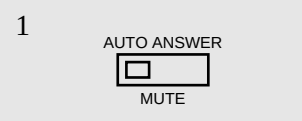
KX-T7235 Display Features – System Feature Access Menu (4.4/Special Display Features)
KX-T7431 / KX-T7433 / KX-T7436 Display Features – System Feature Access Menu (4.4/Special Display Features)

* One of the dial tones. Refer to the "Tone List" in the Appendix (Section 7).

Microphone Mute

Allows you to turn off the microphone so you can consult privately with others in the room. You will still be able to hear the other party.

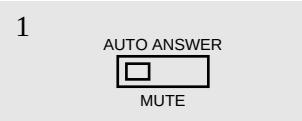
Setting



During a conversation in handsfree mode;

1. Press the **AUTO ANSWER/MUTE** button.
   - The AUTO ANSWER/MUTE indicator light flashes red slowly.

Canceling



When microphone mute is established;

1. Press the **AUTO ANSWER/MUTE** button.
   - The AUTO ANSWER/MUTE indicator light turns off.

Conditions

- This feature is only available during a handsfree conversation.
- This feature is not available with the KX-T7250 because it is not provided with the AUTO ANSWER/MUTE button.

Night Service

This system supports both the Night and Day modes of operation. The system operation for originating and receiving calls can be different in the day and night modes. "Night Service" can only be set by the operator and manager. Even if your extension is not assigned as the operator or manager, you can use your display to check the current mode.

Confirming the current mode (with a display PT only)

1

When the telephone is idle;

1. Press #.
   - The display shows the current mode for 3 seconds.

Conditions

- The Day/Night mode is automatically switched at a predetermined time (default: 9:00 a.m. for all days of the week; 5:00 p.m. for all nights of the week), if automatic switching mode is selected.

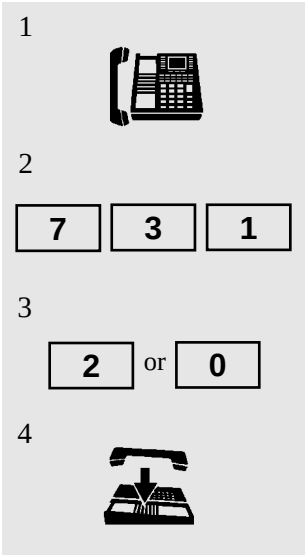
Feature References

Night Service On/Off (4.3/Operator / Manager Service Features)

Off-Hook Call Announcement (OHCA)

Allows you to signal a busy extension that your call is waiting. Your voice is received through the built-in speaker of the called party's telephone (KX-T7436 and KX-T7235 only). The called party can connect to the two parties and carry two independent conversations.

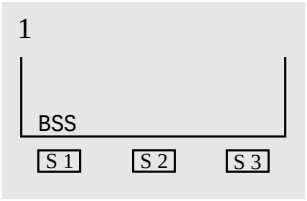
Setting / Canceling to receive OHCA



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Enter the **feature number** (731).
3. Dial **2** or **0**.
   - 2 : to set
   - 0 : to cancel
     - You hear a confirmation tone and then a dial tone.
4. **Hang up** or press the **SP-PHONE/MONITOR** button.

Soft Button Operation

Executing



If you make an intercom call and hear a busy tone;

1. Press the **BSS** (S1) button.
   - You can talk after you hear a confirmation tone.

Standard Operation

Executing

If you make an intercom call and hear a busy tone;

1. Dial **1**.
   - You can talk after you hear a confirmation tone.

To talk to the third party

If you hear two beeps and a voice announcement;

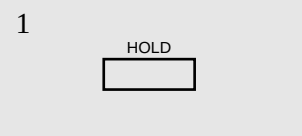
1. **Consult** with the third party by microphone.
   - The called extension display shows the calling extension's number or name for 5 seconds in 10 second intervals.
   - You can talk to two parties independently.

To talk to the third party by terminating the current call

If you hear two beeps and a voice announcement;

1. **Hang up**.
   - The current call is disconnected.
   - The INTERCOM indicator light turns green.
   - You can talk in handsfree mode.

To talk to the third party by holding the current call



If you hear two beeps and voice announcement;

1. Press the **HOLD** button.
   - The current call is placed on hold.
   - The INTERCOM indicator light flashes green slowly.

Conditions

- Class of Service programming determines which extensions can perform this.
- This feature works when the called party is off-hook and the telephone INTERCOM button is idle.
- You can select to receive a Call Waiting tone, OHCA, Whisper OHCA or none of these at your extension.
- If the "Do Not Disturb (DND)" feature is set at the called extension, you must activate the "Do Not Disturb (DND) Override" feature before OHCA is available.

Programming References

- System Programming — Installation Manual
  [509] Off-Hook Call Announcement (OHCA)

Feature References

Busy Station Signaling (BSS)
Call Waiting
Whisper OHCA

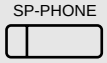
Off-Hook Monitor

Allows you to let other users listen to the conversation through the built-in speaker, while continuing the conversation using the handset.

This feature is only available for the KX-T7431, KX-T7433 and KX-T7436 telephone users.

Setting

1

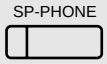


During a conversation using a handset

1. Press the **SP-PHONE** button.
   - The SP-PHONE indicator light turns on and the other party's voice is heard through the built-in speaker.

Canceling

1



When the off-hook monitor mode is established

1. Press the **SP-PHONE** button.
   - The SP-PHONE indicator light turns off and the other party's voice is heard through the handset.

Conditions

- This feature is only available during a conversation with the handset.

Programming References

- System Programming — Installation Manual
  [148] Off-Hook Monitor

One-Touch Dialing

Allows you to call a number or access a system feature with the touch of a button. This is done by storing an extension number, telephone number or feature number (up to sixteen digits) in an One-Touch Dialing button.

Dialing

1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **flexible button** which is assigned as the **One-Touch Dialing** button.

Conditions

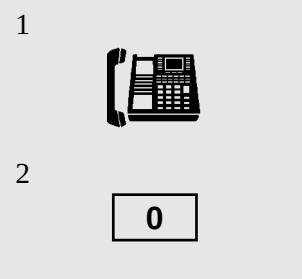
- The destination numbers are stored through Station Programming.
- You may press a CO button to select a desired outside line directly before pressing the One-Touch Dialing button.
- “Speed Dialing”, “One-Touch Dialing”, “Redial, Last Number/Saved Number” and manual dialing can be used together.
- It is possible to store a number consisting of seventeen digits or more by dividing it and storing it in two One-Touch Dialing buttons.

Programming References

- Station Programming (Section 2)
  Flexible CO Button Assignment — One-Touch Dialing Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)

Operator Call

Allows you to call an operator within the system. Two extensions can be assigned as Operator 1 and 2.



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (0).

Conditions

- The call is routed to Operator 1 first. If Operator 1 is busy, then it is routed to Operator 2. Through System Programming, it is possible to change the routing so that Operator 1 and Operator 2 are called simultaneously when the operator is called.
- If an operator is not assigned, this feature is not available and you will hear a reorder tone.

Programming References

- System Programming — Installation Manual
  [990] System Additional Information, Field (44)

Outward Dialing, Line Access — SUMMARY

An outside line can be accessed in the following ways.

Line Access, Automatic	Dial the **feature number** (**9**). or Press a **Loop-CO** (L-CO) button
Line Access, Individual	Press a **Single-CO** (S-CO) button. or Dial the **feature number** (**8**) and an **outside line number (1-3)**.

Conditions

- The CO button assignment on your telephone can be re-arranged as required. Refer to the "Flexible CO Button Assignment" in Station Programming (Section 2).
- After dialing the feature number or pressing the CO button, you will hear one of the following tones:

  Dial tone: Indicates an idle outside line is accessed.

  `COx` — is shown on the display. (x: outside line number)

  Busy tone: Indicates the selected outside line is busy.

  `CO in use` — is shown on the display.

  Reorder tone:

  1) Indicates the outside line you have attempted to access is not assigned.

  `CO Not Assigned` — is shown on the display.

  2) Indicates access to outside lines is denied.

  `Restricted` — is shown on the display.

- `Restricted` may show on the display for the following reasons.
  - — The extension has been locked by the owner (Electronic Station Lockout) or the operator / manager (Remote Station Lock Control).
  - — The extension is restricted by the account code mode, "Verified - All Calls" or "Verified - Toll Restriction Override".
  - — The extension is restricted from making toll calls (Toll Restriction).

Programming References

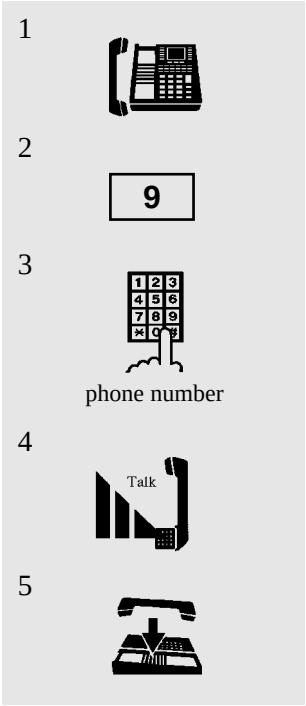
- Station Programming (Section 2)
  Flexible CO Button Assignment — Loop-CO (L-CO) Button,
  Single-CO (S-CO) Button
  (System Programming — [005] (Installation Manual) can be used for this assignment.)
- System Programming — Installation Manual
  [103] Automatic Access Outside Line Assignment
  — (Used for "Line Access, Automatic" only.)
  [400] Outside Line Connection Assignment
  [605]–[606] Outgoing Permitted Outside Line Assignment — Day/Night

Feature References

Account Code Entry
Electronic Station Lockout
Remote Station Lock Control (4.3/Operator / Manager Service Features)
Toll Restriction (→ see Installation Manual)

Line Access, Automatic

Allows you to select an available outside line automatically.



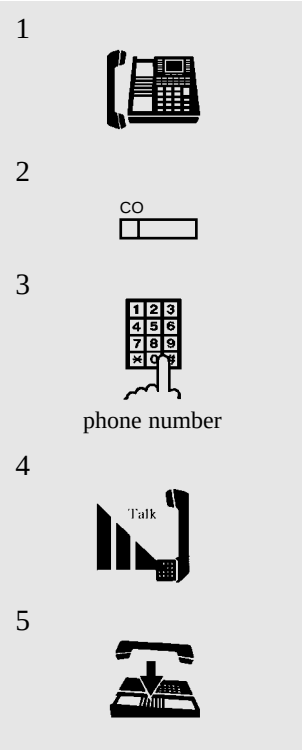
1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Dial the **feature number** (9).
   - You hear a dial tone.
   - The selected CO indicator light turns green.
3. Dial the **phone number**.
   - The display shows the phone number.
4. Start **talking**.
5. **Hang up** or press the **SP-PHONE** button after the conversation is completed.

Conditions

- You may press the L-CO button directly instead of steps 1 and 2.

Line Access, Individual

Allows you to select the desired outside line without dialing the line access code.



1. Lift the **handset** or press the **SP-PHONE/MONITOR** button.
2. Press the **CO** button.
   - You may dial the line access code (81 through 83) instead.
   - You hear a dial tone.
   - The CO indicator light turns green.
3. Dial the **phone number**.
   - The display shows the phone number.
4. Start **talking**.
5. **Hang up** or press the **SP-PHONE** button after the conversation is completed.

Conditions

- You may skip step 1 and press the CO button directly.

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